



## Environmental Product Declaration



In accordance with ISO 14025 and Product Category Rules for Absorbent Hygiene Products

# TENA Slip



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<b>Programme:</b>	International EPD® System
<b>Programme operator:</b>	EPD International AB

## Essity is a leading global hygiene and health company

Essity is a leading global hygiene and health company that develops, produces, and sells personal care (baby care, feminine care, incontinence products, and medical solutions), consumer tissue, and professional hygiene products and solutions.

We are dedicated to improving well-being through leading hygiene and health solutions. Sales are conducted in approximately 150 countries under many strong brands, including the leading global brands TENA and Tork, as well as Leukoplast, Libero, Libresse, Lotus, Nosotras, Saba, Tempo, Vinda, and Zewa.

Essity has about 46 000 employees and net sales in 2019 amounted to SEK 129 bn (EUR 12.2 bn). The business operations are based on a sustainable business model with a focus on value creation for people and nature.

The company has its headquarters in Stockholm, Sweden, and is listed on Nasdaq Stockholm. Essity breaks barriers to well-being and contributes to a healthy, sustainable, and circular society. More information at [www.essity.com](http://www.essity.com).

## TENA is a part of Essity

Through our TENA brand, we offer a broad range of incontinence products and services. The clear purpose of this offering is to care for people, improve their quality of life, and help them live with dignity and confidence.

For our institutional customers, such as nursing homes, it also means reducing costs while increasing efficiency and quality of care. This is done through a combination of high-quality products and qualified advisory services that simplify handling procedures for care providers.

Since incontinence is often surrounded by a social taboo, enhancing quality of life also means promoting an open dialogue to break down the stigma. So, in addition to providing products that improve health and hygiene, we're working hard to raise awareness, provide training and global forums, and drive high-level dialogues around the world.

At TENA we're continually innovating new products that are increasingly discrete, comfortable, effective, and easy to use, while also reducing our carbon footprint.  
To make a better mark – for people, and for the planet.

## TENA assortment

<b>TENA Female Liners &amp; Pads</b>	A drier, safer, and more comfortable product than ordinary menstrual towel. The liners and pads give triple protection against leaks, odour, and moisture. The products are body shaped for comfort, protection, and discretion.
<b>TENA Men</b>	TENA Men are discreet and safe protection for men who experience urine leakage. Specially developed for men who wants discretion and continue to live an active life.
<b>TENA Pants &amp; Underwear</b>	Close body fit for security and confidence. High performance products that are as easy to put on as underwear. TENA Pants & Underwear are available in a range of absorbency levels and sizes.
<b>TENA Flex</b>	A belted product with added absorbency that allows for easier, more ergonomic changing and with a comfortable, discreet fit. TENA Flex provides anatomically shaped protection with double absorption cores for leakage security.
<b>TENA Comfort</b> <b>TENA Rectangular</b>	The pad is designed to provide incontinence protection for skin health and leakage security. Available in a range of absorbency levels and specially designed to be worn with TENA fixation pants. The products are suitable for all types of incontinence.
<b>TENA Slip</b>	All-in-one incontinence products are designed to provide protection for healthy skin and high leakage security. The products are available in a range of sizes and absorbency levels and are suitable for all types of incontinence.
<b>TENA Fix</b>	A seamless, washable and reusable fixation pant supporting leakage security. Ensures that TENA Comfort and TENA Rectangular pads stay securely in place. Soft and elastic material provides comfort. Can be washed several times without losing shape.
<b>TENA Bed</b>	Provides protection for beds and chairs against accidental urine loss and during hygiene procedures. Dermatologically tested so it is gentle to the skin. Available in a range of sizes and absorbency levels.

## Baby diaper assortment

<b>Libero assortment</b>	The Libero assortment fulfils the demands for premium-brand baby diaper and the diapers have an absorption capacity/function that cover different steps of the baby's diaper needs. The diapers consist of an absorbent core, anti-leakage barrier, fastening system, and a back sheet. The assortment is uni-sex. Libero Newborn, Comfort, UP&GO, Touch, and Sleep Tight are all labelled with the Nordic Swan.
<b>DryKids</b>	DryKids assortment of breathable diapers for children quickly absorb urine and help to keep the child's skin dry and healthy.

This environmental declaration covers the following products		Article number	Dimension (mm) Length x Width F/B	Weight ± 5% (g)
1	TENA Slip Plus XS	710430	614 x 420	65
2	TENA Slip Plus S	710530 712130* 712131*	694 x 480	72
3	TENA Slip Plus M	710630 712230* 712134*	828 x 650	93
4	TENA Slip Plus L	710730 710732* 712138*	976 x 800	111
5	TENA Slip Plus XL	711021	980 x 840	121
6	TENA Slip Super S	711130 711930* 712132*	694 x 480	75
7	TENA Slip Super M	711228 711928* 712135*	828 x 650	108
8	TENA Slip Super L	711428 711431* 712139*	976 x 800	123
9	TENA Slip Super XL	711023	980 x 840	140
10	TENA Slip Maxi S	710824 712030* 712133*	694 x 480	90

\* Article approved according to the Nordic Ecolabel License 3023 0069



This environmental declaration covers the following products (cont.)		Article number	Dimension (mm) Length x Width F/B	Weight ± 5% (g)
11	TENA Slip Maxi M	710924 711824* 712136*	828 x 650	133
12	TENA Slip Maxi L	711022* 711024 711032 712140*	976 x 800	158
13	TENA Slip Maxi XL	711026	980 x 840	164
14	TENA Slip Original Plus S	211426	694 x 480	71
15	TENA Slip Original Plus M	212130	828 x 650	85
16	TENA Slip Original Plus L	212230	976 x 800	101
17	TENA Slip Original Plus XL	212106	980 x 840	113
18	TENA Slip Original Super M	212330	828 x 650	95
19	TENA Slip Original Super L	212430	976 x 800	110
20	TENA Slip Original Maxi M	212024	828 x 650	133
21	TENA Slip Original Maxi L	212124	976 x 800	157
22	TENA Slip Basic Plus M	211450	828 x 650	81
23	TENA Slip Basic Plus L	211451	976 x 800	90
24	TENA Slip Basic Super M	211452	828 x 650	95
25	TENA Slip Basic Super L	211453	976 x 800	103
26	TENA Slip Complete Plus M	211454	800 x 610/690	76
27	TENA Slip Complete Plus L	211456	940 x 730/850	84

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This environmental declaration covers the following products (cont.)		Article number	Dimension (mm) Length x Width F/B	Weight ± 5% (g)
28	TENA Slip Complete Super M	211457	800 x 610/690	82
29	TENA Slip Complete Super L	211458	940 x 730/850	90
30	TENA Slip Complete Care Plus M	211459	800 x 610/690	79
31	TENA Slip Complete Care Plus L	211460	940 x 730/850	88
32	TENA Slip Complete Care Super M	211462	800 x 610/690	85
33	TENA Slip Complete Care Super L	211463	940 x 730/850	94
34	TENA Slip Ultima Medium	710521 710522* 712137*	828 x 650	157
35	TENA Slip Ultima Large	710621 710623* 712141*	976 x 800	189
36	TENA Slip Ultima XL	710622	980 x 840	189
37	TENA Slip Bariatric XXL	61490	1125 x 620	140
38	TENA Slip Bariatric 3XL	61391	1125 x 830	165

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# The way we work

We assess the environmental impact of our products using a full life cycle approach, beginning with product design, through to manufacturing, transport, use, and disposal.

**RESPONSIBLE SOURCING** involves seeking high-quality raw materials that are safe from both a social and environmental perspective. The company's suppliers adhere to strict demands in Essity's Global Supplier Standard



**RESOURCE EFFICIENT PRODUCTION** is efficient use of resources, and the continuous reduction of energy and waste. Essity's objective is to develop products and services for a sustainable and circular society. The TENA production units are working with the management systems ISO 9001, ISO 14001 and OHSA 18001.

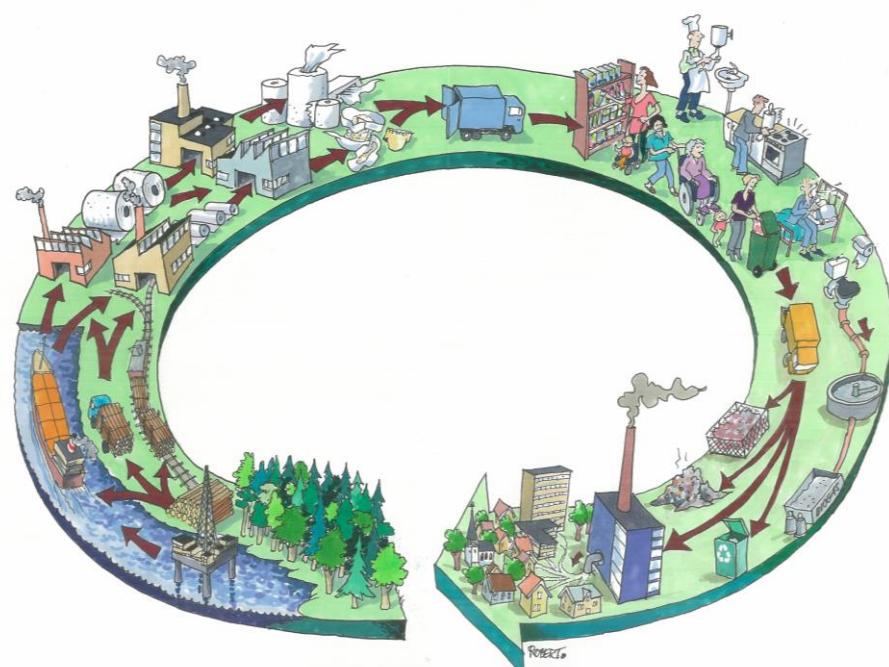


**SUSTAINABLE SOLUTIONS** are safe and environmentally sound innovations for hygiene products and services, based on customer and consumer insights, enabling us to meet their needs in daily life.



## Environmental performance of our products

The information presented in an environmental product declaration is obtained from a Life Cycle Assessment (LCA), which is a study of the potential environmental impact of a product throughout its life cycle, including production of raw materials and products, use of the product, after use processes, and transports.



# Environmental achievements

The following carbon footprint reductions for different TENA product groups have been achieved by working in a structured way to continually improve performance and efficiency.

Product	Carbon footprint reduction Year 2008 – 2019
TENA Flex	- 18 %
TENA Female Liners & Pads	- 33 %
TENA Men	- 20 %
TENA Pants & Underwear	- 33 %
TENA Slip	- 20 %
TENA Comfort	- 19 %
TENA Bed	- 11 %

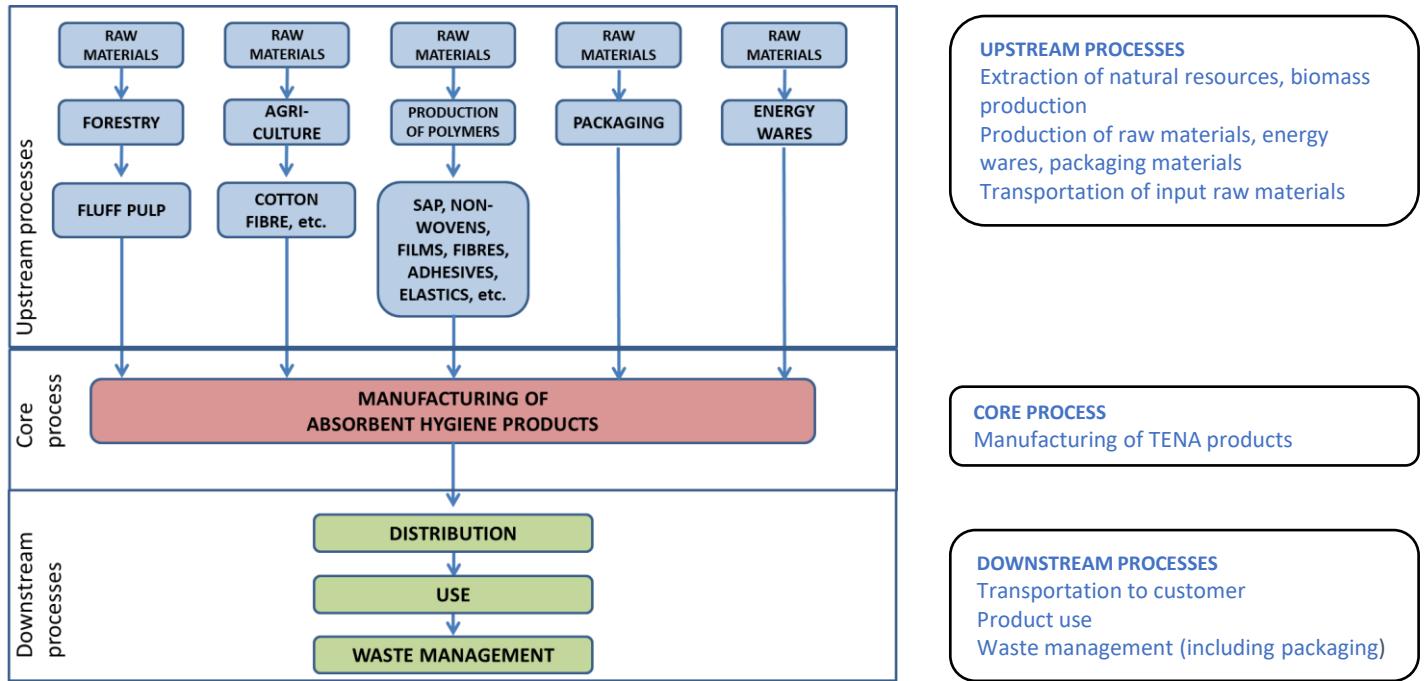
The LCA is conducted by Essity and verified by IVL, Swedish Environmental Research Institute Ltd, 2019. The carbon footprint reductions in Europe between 2008-2019 for TENA products are based on Life Cycle Assessments.

## Production of TENA products



TENA products are made using high-quality materials, with strict requirements on product safety. The materials used are cellulose fibers from certified forestry and purpose-specific plastic materials. Production takes place at high-technology facilities with stringent hygienic and product safety standards that guarantee product quality and ensure users' safety and well-being.

# Life cycle of an absorbent hygiene product



## LIFE CYCLE DESCRIPTION

The life cycle of a TENA product starts with the **UPSTREAM PROCESSES**: These include extraction of natural resources for the different raw materials as well as fuel production for both heat and power generation. The production of the raw materials, such as fluff pulp and superabsorbent polymers for the absorbent core, nonwovens for inner lining, and plastic films for the outer shell are part of the upstream processes. Transports of raw materials to the manufacturing

The **CORE PROCESS**, the actual manufacturing of the different TENA products, is a highly efficient converting process where the different materials are put together with high precision, which results in well performing products with an efficient use of resources thanks to innovative design and scientific solutions. The core process also includes handling of production waste.

In the **DOWNSTREAM PROCESSES**, the products are transported to the customer either in the homecare segment or for institutional users. The use phase as such has no environmental impact and gives therefore no contribution to the calculations. The final step is the waste management, also including handling of packaging waste.

The life cycle calculations for TENA products in this EPD are “cradle-to-grave”

# Parameters in the declaration

FUNCTIONAL UNIT	The functional unit is according to PCR 2011:14, one product. In addition, the result is reported for a standard number of products used for one day, which is defined as four products.
CALCULATION OF GLOBAL WARMING POTENTIAL	Both emissions to and removals of CO <sub>2</sub> from the atmosphere, originating from both fossil and biogenic sources, are accounted for with a time interval of 100 years. Removal of carbon dioxide into growing trees and emissions of carbon dioxide corresponding to the content of biogenic carbon in the product is reported as CO <sub>2</sub> removals and biogenic CO <sub>2</sub> emissions, respectively.
WASTE MANAGEMENT SCENARIO	The waste management is calculated based on the sales of TENA products on the EU market, with an average waste handling for EU 27 (EUROSTAT 2019) giving a scenario with 55 % incineration and 45 % landfill. Impacts of incineration process with energy recovery are attributed 50 % to the product and 50 % to the energy recovery process. Benefits and credits of energy recovery are attributed 100 % to energy recovery (outside system boundaries).  Biogenic CO <sub>2</sub> associated with waste management, is reported.
REPRESENTATIVE PRODUCT	A representative product is chosen when there are minor variations for the same product, such as technology and packaging. In the EPD, the representation of such different TENA products is done by a representative product, i.e. more than one product can be represented by the same calculation. The representative product always has the highest environmental impact, and hence a conservative approach is taken for the results. However, the variations within the different tiered products is not more than +/- 10 %, which follows the General Programme Instructions.
LIST OF MATERIALS	The materials listed in the composition table are combined into three groups in order to keep a level of confidentiality. A general list of content is also shown. For the life cycle calculations each product's particular specification have been used.
MANUFACTURING SITES	The TENA assortment is produced in the following factories; Falkenberg/Sweden, Gennep/Netherlands, Olawa/Poland, Gemerská Hôrka/Slovakia, Hoogezaand/Netherlands, Kartepe/Turkey, Drumondville/Canada. All production sites are certified with management systems for quality, environment and health and safety, ISO 9001, ISO 14001 and OHSA 18001.
GEOGRAPHICAL SCOPE	This EPD covers TENA products sold in Europe.
VALIDITY OF DATA	The most important raw materials in the products, pulp and SAP, are mainly data from 2016 - 2018. Supplier data for raw materials like film and nonwoven as well as other, minor materials are mainly from 2009-2016. Manufacturing data are from 2019. Article specifications are from 2020, with a few specifications from 2019.
THOUSAND SEPARATOR AND DECIMAL MARK	SI style (French version): 1 234,56; i.e. comma is used as decimal mark. Number of value digits: 3
PACKAGING	The packaging consists of a consumer pack, a polyethylene plastic bag, and transport packaging of corrugated board boxes, i.e. made of renewable fibers. A few articles of TENA Men and TENA Female Pads and Liners have a consumer pack of carton from renewable fibers.

# Additional environmental information



**WOOD PULP:** Essity works with a strict sourcing policy and only use fibers from known sources. The suppliers are expected to continually increase the proportion of certified fibers from recognized certification schemes.

**Certifications:** All fluff pulp suppliers for TENA products are FSC Chain-of-Custody certified and all pulp meet as a minimum the FSC controlled wood standard, in addition to other forest certification schemes that may be applied.

**ECF pulp:** All pulps used for TENA products are produced in Elementary Chlorine Free (ECF) processes.

**PLASTIC MATERIALS:** All the plastic materials used in TENA products for the European market do not intentionally contain lead, hexavalent chrome and related compounds, phthalates, acrylamide, antimony, brominated flame retardants, or organotin compounds, except in form of impurities. The additives used in plastics comply with the EC Regulations No. 1272/2008 and No. 1907/2006 (REACH), and their subsequent amendments.

Lotions, creams and/or deodorant substances are not added to the products. Inks or dyes that may be present are used for functional requirements and not for aesthetic-commercial purposes.

**PACKAGING:** Packaging meets the requirements of Annex F of part IV, Legislative Decree 152/2006. Corrugated board boxes for transport packaging are made of at least 80 % recycled fibers

## Update of TENA EPDs

The TENA EPDs were first published in 2015, and the number of articles for the TENA product groups have increased over the years. All EPDs were valid until October 2020 and are now updated with new calculations for all articles. The new results show in general improved environmental performance of the products. This corresponds well with actual product development for the TENA assortment. There is usually less materials used for updated product specifications, because of new and better product design, and improved materials. Also improved production by suppliers and in TENA manufacturing sites adds to the results presented in the EPDs.

# Environmental Product Declaration Verification & Programme Information

The calculations for the environmental product declaration (EPD) are performed according to ISO 14040 and ISO 14044, ISO 14025.

EPD's within the same product category but from different programmes may not be comparable.



Product category rules (PCR): Absorbent Hygiene Products, 2011:14, version 3.01, UN CPC 32193 General Programme Instructions ver.3.01
Programme operator: EPD International AB, Box 210 60, SE-100 31 Stockholm, Sweden e-mail: info@environdec.com
Product Category Rules review was conducted by: The Technical Committee of the International EPD® System. Chair: Massimo Marino Contact via info@environdec.com
Independent verification of the declaration and data, according to ISO 14025:2006: <input type="checkbox"/> EPD process certification <input checked="" type="checkbox"/> EPD verification
Procedure for follow up of data during EPD validity involves third party verifier: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Third party verifier: Håkan Stripple at IVL Swedish Environmental Research Institute, P.O. Box 53021, SE-400 14 Gothenburg, Sweden Hakan.Stripple@IVL.se
Accredited by : Håkan Stripple is an independent individual verifier in the International EPD® System.
Declaration owner: Essity Hygiene & Health AB SE-405 03 GÖTEBORG Anna-Karin Gunnerngren, <a href="mailto:anna-karin.gunnerngren@essity.com">anna-karin.gunnerngren@essity.com</a> The EPD owner has the sole ownership, liability, and responsibility for the EPD



## TENA Slip – environmental performance

All-in-one incontinence products are designed to provide protection for healthy skin and high leakage security. The products are available in a range of sizes and absorbency levels and are suitable for all types of incontinence.

### Composition for TENA Slip (all articles) Specific data is used in all calculations.

Pulp	60 - 67 %
Polymers	14 - 22 %
Plastics	16 - 21 %

### Content declaration

Calcium carbonate

Cellulose pulp

Glue

Ink

Polyester

Polyethylene

Polypropylene

Super absorbent

Synthetic elastics





# 1. TENA Slip Plus XS

710430

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,102	0,020	0,041	0,162
	Biogenic	kg CO <sub>2</sub> eq.	-0,068	0,000	0,023	-0,046
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00008	0,00012	0,00008	0,00028
	<b>Total</b>	kg CO <sub>2</sub> eq.	0,034	0,020	0,063	0,117
Acidification potential (AP)		kg SO <sub>2</sub> eq.	5,35E-04	6,73E-05	2,75E-05	6,30E-04
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	1,13E-04	7,69E-06	2,43E-05	1,45E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,77E-04	3,46E-05	2,33E-05	4,35E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	9,05E-08	6,55E-09	3,78E-10	9,74E-08
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,20E+00	2,51E-01	8,80E-02	2,54E+00
Water scarcity potential		m <sup>3</sup> eq.	2,80E+00	6,83E-03	4,58E-03	2,81E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,42E+00	1,44E-01	5,65E-03	1,57E+00
	Used as raw materials	MJ, net calorific value	7,07E-01	(N/A)	(N/A)	7,07E-01
	<b>Total</b>	MJ, net calorific value	2,13E+00	1,44E-01	5,65E-03	2,28E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,38E+00	3,25E-01	9,19E-02	2,80E+00
	Used as raw materials	MJ, net calorific value	6,88E-01	2,90E-04	5,18E-03	6,93E-01
	<b>Total</b>	MJ, net calorific value	3,07E+00	3,25E-01	9,71E-02	3,49E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	4,42E-03	1,58E-03	1,65E-04	6,16E-03
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	7,83E-07	2,47E-10	3,76E-09	7,87E-07
Non-hazardous waste disposed		kg	5,00E-04	3,79E-04	1,03E-02	1,12E-02
Radioactive waste disposed		kg	2,16E-05	2,93E-05	6,67E-07	5,16E-05
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	3,35E-02	3,35E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

# 1. TENA Slip Plus XS

710430

one day of absorbent product use						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,406	0,080	0,163	0,649
	Biogenic	kg CO <sub>2</sub> eq.	-0,273	0,000	0,090	-0,182
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00034	0,00048	0,00031	0,00113
	<b>Total</b>	kg CO <sub>2</sub> eq.	0,134	0,080	0,254	0,468
Acidification potential (AP)		kg SO <sub>2</sub> eq.	2,14E-03	2,69E-04	1,10E-04	2,52E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	4,54E-04	3,08E-05	9,70E-05	5,82E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,51E-03	1,38E-04	9,32E-05	1,74E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	3,62E-07	2,62E-08	1,51E-09	3,90E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	8,79E+00	1,00E+00	3,52E-01	1,01E+01
Water scarcity potential		m <sup>3</sup> eq.	1,12E+01	2,73E-02	1,83E-02	1,13E+01
Land use and land use change (LUC)		m <sup>3</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5,69E+00	5,78E-01	2,26E-02	6,29E+00
	Used as raw materials	MJ, net calorific value	2,83E+00	(N/A)	(N/A)	2,83E+00
	<b>Total</b>	MJ, net calorific value	8,51E+00	5,78E-01	2,26E-02	9,11E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	9,54E+00	1,30E+00	3,67E-01	1,12E+01
	Used as raw materials	MJ, net calorific value	2,75E+00	1,16E-03	2,07E-02	2,77E+00
	<b>Total</b>	MJ, net calorific value	1,23E+01	1,30E+00	3,88E-01	1,40E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	1,77E-02	6,31E-03	6,61E-04	2,46E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	3,13E-06	9,86E-10	1,50E-08	3,15E-06
Non-hazardous waste disposed		kg	2,00E-03	1,52E-03	4,14E-02	4,49E-02
Radioactive waste disposed		kg	8,65E-05	1,17E-04	2,67E-06	2,07E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	1,34E-01	1,34E-01
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

## 2. TENA Slip Plus S

710530 & 712130 & 712131

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,118	0,022	0,046	0,186
	Biogenic	kg CO <sub>2</sub> eq.	-0,070	0,000	0,024	-0,046
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00009	0,00014	0,00009	0,00031
	Total	kg CO <sub>2</sub> eq.	0,048	0,022	0,069	0,140
Acidification potential (AP)		kg SO <sub>2</sub> eq.	5,96E-04	7,53E-05	3,07E-05	7,02E-04
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	1,27E-04	8,60E-06	2,61E-05	1,62E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,23E-04	3,87E-05	2,53E-05	4,87E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,07E-07	7,32E-09	4,04E-10	1,15E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,63E+00	2,80E-01	9,94E-02	3,01E+00
Water scarcity potential		m <sup>3</sup> eq.	3,24E+00	7,64E-03	5,36E-03	3,25E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,47E+00	1,61E-01	6,41E-03	1,64E+00
	Used as raw materials	MJ, net calorific value	7,25E-01	(N/A)	(N/A)	7,25E-01
	Total	MJ, net calorific value	2,19E+00	1,61E-01	6,41E-03	2,36E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,84E+00	3,63E-01	1,04E-01	3,31E+00
	Used as raw materials	MJ, net calorific value	8,53E-01	3,24E-04	5,42E-03	8,59E-01
	Total	MJ, net calorific value	3,70E+00	3,64E-01	1,09E-01	4,17E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	5,10E-03	1,76E-03	1,93E-04	7,06E-03
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	9,84E-07	2,76E-10	4,21E-09	9,88E-07
Non-hazardous waste disposed		kg	5,25E-04	4,24E-04	1,29E-02	1,38E-02
Radioactive waste disposed		kg	2,49E-05	3,28E-05	7,64E-07	5,85E-05
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	3,67E-02	3,67E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

## 2. TENA Slip Plus S

710530 & 712130 & 712131

one day of absorbent product use						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,472	0,089	0,182	0,744
	Biogenic	kg CO <sub>2</sub> eq.	-0,279	0,000	0,095	-0,185
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00037	0,00054	0,00035	0,00126
	<b>Total</b>	kg CO <sub>2</sub> eq.	0,193	0,090	0,277	0,560
Acidification potential (AP)		kg SO <sub>2</sub> eq.	2,39E-03	3,01E-04	1,23E-04	2,81E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	5,09E-04	3,44E-05	1,04E-04	6,47E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,69E-03	1,55E-04	1,01E-04	1,95E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	4,27E-07	2,93E-08	1,61E-09	4,58E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,05E+01	1,12E+00	3,98E-01	1,20E+01
Water scarcity potential		m <sup>3</sup> eq.	1,30E+01	3,05E-02	2,15E-02	1,30E+01
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5,88E+00	6,46E-01	2,56E-02	6,55E+00
	Used as raw materials	MJ, net calorific value	2,90E+00	(N/A)	(N/A)	2,90E+00
	<b>Total</b>	MJ, net calorific value	8,78E+00	6,46E-01	2,56E-02	9,45E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,14E+01	1,45E+00	4,15E-01	1,32E+01
	Used as raw materials	MJ, net calorific value	3,41E+00	1,30E-03	2,17E-02	3,44E+00
	<b>Total</b>	MJ, net calorific value	1,48E+01	1,46E+00	4,36E-01	1,67E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	2,04E-02	7,05E-03	7,73E-04	2,82E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	3,94E-06	1,10E-09	1,68E-08	3,95E-06
Non-hazardous waste disposed		kg	2,10E-03	1,70E-03	5,14E-02	5,52E-02
Radioactive waste disposed		kg	9,96E-05	1,31E-04	3,06E-06	2,34E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	1,47E-01	1,47E-01
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

### 3. TENA Slip Plus M

710630 & 712230 & 712134

one absorbent product						
Environmental impact category						
Parameter	Unit	Upstream	Core	Downstream	Total	
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,155	0,030	0,060	0,244
	Biogenic	kg CO <sub>2</sub> eq.	-0,091	0,000	0,031	-0,060
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00012	0,00018	0,00011	0,00041
	Total	kg CO <sub>2</sub> eq.	0,064	0,030	0,091	0,184
Acidification potential (AP)	kg SO <sub>2</sub> eq.	7,82E-04	9,94E-05	4,00E-05	9,22E-04	
Eutrophication potential (EP)	kg PO <sub>4</sub> <sup>3-</sup> eq.	1,65E-04	1,14E-05	3,43E-05	2,11E-04	
Formation potential of tropospheric ozone (POCP)	kg NMVOC eq.	5,51E-04	5,11E-05	3,33E-05	6,36E-04	
Abiotic depletion potential - Elements (ADP-elements)	kg Sb eq.	1,34E-07	9,66E-09	5,24E-10	1,45E-07	
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)	MJ, net calorific value	3,48E+00	3,70E-01	1,29E-01	3,98E+00	
Water scarcity potential	m <sup>3</sup> eq.	4,43E+00	1,01E-02	7,01E-03	4,45E+00	
Land use and land use change (LUC)	m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)	
Resources						
Parameter	Unit	Upstream	Core	Downstream	Total	
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,91E+00	2,13E-01	8,33E-03	2,13E+00
	Used as raw materials	MJ, net calorific value	9,48E-01	(N/A)	(N/A)	9,48E-01
	Total	MJ, net calorific value	2,86E+00	2,13E-01	8,33E-03	3,08E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,77E+00	4,80E-01	1,35E-01	4,39E+00
	Used as raw materials	MJ, net calorific value	1,19E+00	4,28E-04	7,17E-03	1,20E+00
	Total	MJ, net calorific value	4,97E+00	4,80E-01	1,42E-01	5,59E+00
Secondary material	kg	(N/A)	(N/A)	(N/A)	(N/A)	
Renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)	
Non-renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)	
Net use of fresh water	m <sup>3</sup>	6,57E-03	2,33E-03	2,52E-04	9,15E-03	
Waste and output flows						
Parameter	Unit	Upstream	Core	Downstream	Total	
Hazardous waste disposed	kg	1,24E-06	3,64E-10	5,45E-09	1,25E-06	
Non-hazardous waste disposed	kg	6,65E-04	5,60E-04	1,67E-02	1,79E-02	
Radioactive waste disposed	kg	3,22E-05	4,33E-05	9,99E-07	7,65E-05	
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)	
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)	
Materials for energy recovery	kg	0,00	0,00	4,76E-02	4,76E-02	
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)	
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)	

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

### 3. TENA Slip Plus M

710630 & 712230 & 712134

one day of absorbent product use						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,619	0,118	0,240	0,977
	Biogenic	kg CO <sub>2</sub> eq.	-0,366	0,000	0,125	-0,241
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00047	0,00072	0,00045	0,00164
	Total	kg CO <sub>2</sub> eq.	0,254	0,119	0,365	0,738
Acidification potential (AP)		kg SO <sub>2</sub> eq.	3,13E-03	3,98E-04	1,60E-04	3,69E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	6,60E-04	4,54E-05	1,37E-04	8,43E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,20E-03	2,04E-04	1,33E-04	2,54E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	5,38E-07	3,86E-08	2,09E-09	5,78E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,39E+01	1,48E+00	5,16E-01	1,59E+01
Water scarcity potential		m <sup>3</sup> eq.	1,77E+01	4,03E-02	2,80E-02	1,78E+01
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	7,64E+00	8,53E-01	3,33E-02	8,53E+00
	Used as raw materials	MJ, net calorific value	3,79E+00	(N/A)	(N/A)	3,79E+00
	Total	MJ, net calorific value	1,14E+01	8,53E-01	3,33E-02	1,23E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,51E+01	1,92E+00	5,39E-01	1,75E+01
	Used as raw materials	MJ, net calorific value	4,77E+00	1,71E-03	2,87E-02	4,80E+00
	Total	MJ, net calorific value	1,99E+01	1,92E+00	5,67E-01	2,23E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	2,63E-02	9,31E-03	1,01E-03	3,66E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	4,97E-06	1,46E-09	2,18E-08	4,99E-06
Non-hazardous waste disposed		kg	2,66E-03	2,24E-03	6,68E-02	7,17E-02
Radioactive waste disposed		kg	1,29E-04	1,73E-04	3,99E-06	3,06E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	1,91E-01	1,91E-01
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

## 4. TENA Slip Plus L

710730 & 710732 & 712138

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,193	0,036	0,074	0,303
	Biogenic	kg CO <sub>2</sub> eq.	-0,110	0,000	0,038	-0,071
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00014	0,00022	0,00014	0,00050
	Total	kg CO <sub>2</sub> eq.	0,083	0,036	0,113	0,232
Acidification potential (AP)		kg SO <sub>2</sub> eq.	9,71E-04	1,22E-04	4,87E-05	1,14E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	1,99E-04	1,39E-05	4,19E-05	2,55E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	6,74E-04	6,26E-05	4,06E-05	7,77E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,52E-07	1,18E-08	5,30E-10	1,64E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	4,44E+00	4,53E-01	1,57E-01	5,05E+00
Water scarcity potential		m <sup>3</sup> eq.	5,84E+00	1,24E-02	8,56E-03	5,86E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	2,30E+00	2,61E-01	1,01E-02	2,57E+00
	Used as raw materials	MJ, net calorific value	1,14E+00	(N/A)	(N/A)	1,14E+00
	Total	MJ, net calorific value	3,43E+00	2,61E-01	1,01E-02	3,70E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	4,80E+00	5,88E-01	1,64E-01	5,55E+00
	Used as raw materials	MJ, net calorific value	1,67E+00	5,25E-04	8,77E-03	1,68E+00
	Total	MJ, net calorific value	6,47E+00	5,88E-01	1,72E-01	7,23E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	7,88E-03	2,85E-03	3,08E-04	1,10E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	1,62E-06	4,46E-10	6,61E-09	1,63E-06
Non-hazardous waste disposed		kg	7,75E-04	6,86E-04	2,04E-02	2,19E-02
Radioactive waste disposed		kg	3,90E-05	5,31E-05	1,22E-06	9,33E-05
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	5,71E-02	5,71E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

## 4. TENA Slip Plus L

710730 & 710732 & 712138

one day of absorbent product use						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,771	0,145	0,297	1,214
	Biogenic	kg CO <sub>2</sub> eq.	-0,439	0,000	0,153	-0,286
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00058	0,00088	0,00054	0,00200
	Total	kg CO <sub>2</sub> eq.	0,333	0,145	0,451	0,930
Acidification potential (AP)		kg SO <sub>2</sub> eq.	3,88E-03	4,87E-04	1,95E-04	4,57E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	7,97E-04	5,57E-05	1,68E-04	1,02E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,70E-03	2,50E-04	1,63E-04	3,11E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	6,07E-07	4,74E-08	2,12E-09	6,56E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,77E+01	1,81E+00	6,28E-01	2,02E+01
Water scarcity potential		m <sup>3</sup> eq.	2,33E+01	4,94E-02	3,43E-02	2,34E+01
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	9,18E+00	1,04E+00	4,05E-02	1,03E+01
	Used as raw materials	MJ, net calorific value	4,55E+00	(N/A)	(N/A)	4,55E+00
	Total	MJ, net calorific value	1,37E+01	1,04E+00	4,05E-02	1,48E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,92E+01	2,35E+00	6,55E-01	2,22E+01
	Used as raw materials	MJ, net calorific value	6,68E+00	2,10E-03	3,51E-02	6,72E+00
	Total	MJ, net calorific value	2,59E+01	2,35E+00	6,90E-01	2,89E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	3,15E-02	1,14E-02	1,23E-03	4,41E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	6,48E-06	1,78E-09	2,65E-08	6,51E-06
Non-hazardous waste disposed		kg	3,10E-03	2,75E-03	8,17E-02	8,75E-02
Radioactive waste disposed		kg	1,56E-04	2,12E-04	4,88E-06	3,73E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	2,29E-01	2,29E-01
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 5. TENA Slip Plus XL

711021

## one absorbent product

### Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,198	0,038	0,079	0,315
	Biogenic	kg CO <sub>2</sub> eq.	-0,121	0,000	0,041	-0,080
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00015	0,00023	0,00014	0,00052
	Total	kg CO <sub>2</sub> eq.	0,077	0,039	0,120	0,235
Acidification potential (AP)		kg SO <sub>2</sub> eq.	1,02E-03	1,29E-04	5,11E-05	1,20E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	2,11E-04	1,47E-05	4,45E-05	2,70E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	7,06E-04	6,64E-05	4,30E-05	8,15E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,63E-07	1,26E-08	8,35E-10	1,76E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	4,47E+00	4,81E-01	1,64E-01	5,12E+00
Water scarcity potential		m <sup>3</sup> eq.	5,99E+00	1,31E-02	9,01E-03	6,01E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)

### Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	2,50E+00	2,77E-01	1,06E-02	2,79E+00
	Used as raw materials	MJ, net calorific value	1,25E+00	(N/A)	(N/A)	1,25E+00
	Total	MJ, net calorific value	3,76E+00	2,77E-01	1,06E-02	4,04E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	4,85E+00	6,23E-01	1,71E-01	5,64E+00
	Used as raw materials	MJ, net calorific value	1,63E+00	5,56E-04	9,36E-03	1,64E+00
	Total	MJ, net calorific value	6,48E+00	6,24E-01	1,80E-01	7,29E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	8,16E-03	3,02E-03	3,24E-04	1,15E-02

### Waste and output flows

Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,23E-06	4,73E-10	6,89E-09	1,23E-06	
Non-hazardous waste disposed	kg	8,24E-04	7,28E-04	2,13E-02	2,28E-02	
Radioactive waste disposed	kg	4,02E-05	5,63E-05	1,28E-06	9,77E-05	
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)	
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)	
Materials for energy recovery	kg	0,00	0,00	6,22E-02	6,22E-02	
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)	
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)	

# 5. TENA Slip Plus XL

711021

one day of absorbent product use

## Environmental impact category

Parameter	Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,791	0,153	0,314
	Biogenic	kg CO <sub>2</sub> eq.	-0,484	0,000	0,163
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00060	0,00093	0,00057
	<b>Total</b>	kg CO <sub>2</sub> eq.	0,307	0,154	0,478
<b>Acidification potential (AP)</b>	kg SO <sub>2</sub> eq.	4,06E-03	5,16E-04	2,04E-04	4,78E-03
<b>Eutrophication potential (EP)</b>	kg PO <sub>4</sub> <sup>3-</sup> eq.	8,43E-04	5,90E-05	1,78E-04	1,08E-03
<b>Formation potential of tropospheric ozone (POCP)</b>	kg NMVOC eq.	2,82E-03	2,65E-04	1,72E-04	3,26E-03
<b>Abiotic depletion potential - Elements (ADP-elements)</b>	kg Sb eq.	6,52E-07	5,02E-08	3,34E-09	7,05E-07
<b>Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)</b>	MJ, net calorific value	1,79E+01	1,92E+00	6,56E-01	2,05E+01
<b>Water scarcity potential</b>	m <sup>3</sup> eq.	2,40E+01	5,24E-02	3,60E-02	2,41E+01
<b>Land use and land use change (LUC)</b>	m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)

## Resources

Parameter	Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,00E+01	1,11E+00	4,24E-02
	Used as raw materials	MJ, net calorific value	5,01E+00	(N/A)	(N/A)
	<b>Total</b>	MJ, net calorific value	1,50E+01	1,11E+00	4,24E-02
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,94E+01	2,49E+00	6,84E-01
	Used as raw materials	MJ, net calorific value	6,53E+00	2,23E-03	3,74E-02
	<b>Total</b>	MJ, net calorific value	2,59E+01	2,50E+00	7,22E-01
<b>Secondary material</b>	kg	(N/A)	(N/A)	(N/A)	(N/A)
<b>Renewable secondary fuels</b>	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
<b>Non-renewable secondary fuels</b>	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
<b>Net use of fresh water</b>	m <sup>3</sup>	3,27E-02	1,21E-02	1,30E-03	4,60E-02

## Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
<b>Hazardous waste disposed</b>	kg	4,91E-06	1,89E-09	2,76E-08	4,94E-06
<b>Non-hazardous waste disposed</b>	kg	3,30E-03	2,91E-03	8,51E-02	9,14E-02
<b>Radioactive waste disposed</b>	kg	1,61E-04	2,25E-04	5,13E-06	3,91E-04
<b>Components for reuse</b>	kg	(N/A)	(N/A)	(N/A)	(N/A)
<b>Material for recycling</b>	kg	(N/A)	(N/A)	(N/A)	(N/A)
<b>Materials for energy recovery</b>	kg	0,00	0,00	2,49E-01	2,49E-01
<b>Exported energy, electricity</b>	MJ	(N/A)	(N/A)	(N/A)	(N/A)
<b>Exported energy, thermal</b>	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential

AP - Acidification Potential

EP - Eutrophication Potential

POCP - Photochemical Ozon Creation Potential

## 6. TENA Slip Super S

711130 & 711930 & 712132

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,124	0,024	0,047	0,195
	Biogenic	kg CO <sub>2</sub> eq.	-0,071	0,000	0,024	-0,047
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00009	0,00014	0,00009	0,00033
	Total	kg CO <sub>2</sub> eq.	0,053	0,024	0,072	0,148
Acidification potential (AP)		kg SO <sub>2</sub> eq.	6,19E-04	7,93E-05	3,22E-05	7,31E-04
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	1,35E-04	9,06E-06	2,69E-05	1,71E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,45E-04	4,07E-05	2,62E-05	5,12E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,19E-07	7,71E-09	4,61E-10	1,27E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,77E+00	2,95E-01	1,05E-01	3,17E+00
Water scarcity potential		m <sup>3</sup> eq.	3,32E+00	8,04E-03	5,77E-03	3,33E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,50E+00	1,70E-01	6,76E-03	1,68E+00
	Used as raw materials	MJ, net calorific value	7,42E-01	(N/A)	(N/A)	7,42E-01
	Total	MJ, net calorific value	2,25E+00	1,70E-01	6,76E-03	2,42E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,00E+00	3,83E-01	1,09E-01	3,49E+00
	Used as raw materials	MJ, net calorific value	8,56E-01	3,42E-04	5,53E-03	8,62E-01
	Total	MJ, net calorific value	3,85E+00	3,83E-01	1,15E-01	4,35E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	5,47E-03	1,86E-03	2,08E-04	7,53E-03
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	1,00E-06	2,90E-10	4,40E-09	1,01E-06
Non-hazardous waste disposed		kg	5,48E-04	4,47E-04	1,42E-02	1,52E-02
Radioactive waste disposed		kg	2,64E-05	3,46E-05	8,13E-07	6,17E-05
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	3,87E-02	3,87E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

## 6. TENA Slip Super S

711130 & 711930 & 712132

one day of absorbent product use						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,498	0,094	0,190	0,781
	Biogenic	kg CO <sub>2</sub> eq.	-0,286	0,000	0,097	-0,189
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00038	0,00057	0,00036	0,00131
	Total	kg CO <sub>2</sub> eq.	0,212	0,095	0,286	0,593
Acidification potential (AP)		kg SO <sub>2</sub> eq.	2,48E-03	3,17E-04	1,29E-04	2,92E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	5,38E-04	3,62E-05	1,08E-04	6,82E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,78E-03	1,63E-04	1,05E-04	2,05E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	4,75E-07	3,08E-08	1,84E-09	5,08E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,11E+01	1,18E+00	4,18E-01	1,27E+01
Water scarcity potential		m <sup>3</sup> eq.	1,33E+01	3,22E-02	2,31E-02	1,33E+01
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	6,02E+00	6,80E-01	2,71E-02	6,72E+00
	Used as raw materials	MJ, net calorific value	2,97E+00	(N/A)	(N/A)	2,97E+00
	Total	MJ, net calorific value	8,98E+00	6,80E-01	2,71E-02	9,69E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,20E+01	1,53E+00	4,36E-01	1,40E+01
	Used as raw materials	MJ, net calorific value	3,42E+00	1,37E-03	2,21E-02	3,45E+00
	Total	MJ, net calorific value	1,54E+01	1,53E+00	4,58E-01	1,74E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	2,19E-02	7,43E-03	8,30E-04	3,01E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	4,00E-06	1,16E-09	1,76E-08	4,02E-06
Non-hazardous waste disposed		kg	2,19E-03	1,79E-03	5,67E-02	6,07E-02
Radioactive waste disposed		kg	1,06E-04	1,38E-04	3,25E-06	2,47E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	1,55E-01	1,55E-01
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 7. TENA Slip Super M

711228 & 711928 & 712135

## one absorbent product

### Environmental impact category

Parameter	Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,172	0,034	0,068
	Biogenic	kg CO <sub>2</sub> eq.	-0,108	0,000	0,037
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00013	0,00021	0,00013
	Total	kg CO <sub>2</sub> eq.	0,064	0,034	0,104
Acidification potential (AP)	kg SO <sub>2</sub> eq.	8,82E-04	1,15E-04	4,61E-05	1,04E-03
Eutrophication potential (EP)	kg PO <sub>4</sub> <sup>3-</sup> eq.	1,92E-04	1,31E-05	3,99E-05	2,45E-04
Formation potential of tropospheric ozone (POCP)	kg NMVOC eq.	6,29E-04	5,90E-05	3,86E-05	7,26E-04
Abiotic depletion potential - Elements (ADP-elements)	kg Sb eq.	1,63E-07	1,12E-08	7,25E-10	1,75E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)	MJ, net calorific value	3,82E+00	4,27E-01	1,48E-01	4,39E+00
Water scarcity potential	m <sup>3</sup> eq.	4,81E+00	1,16E-02	8,03E-03	4,83E+00
Land use and land use change (LUC)	m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)

### Resources

Parameter	Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	2,24E+00	2,46E-01	9,53E-03
	Used as raw materials	MJ, net calorific value	1,12E+00	(N/A)	(N/A)
	Total	MJ, net calorific value	3,36E+00	2,46E-01	9,53E-03
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	4,13E+00	5,54E-01	1,54E-01
	Used as raw materials	MJ, net calorific value	1,20E+00	4,94E-04	8,40E-03
	Total	MJ, net calorific value	5,33E+00	5,55E-01	1,63E-01
Secondary material	kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water	m <sup>3</sup>	7,59E-03	2,69E-03	2,89E-04	1,06E-02

### Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,27E-06	4,20E-10	6,24E-09	1,28E-06
Non-hazardous waste disposed	kg	7,64E-04	6,47E-04	1,89E-02	2,03E-02
Radioactive waste disposed	kg	3,61E-05	5,00E-05	1,14E-06	8,73E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	5,53E-02	5,53E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential

AP - Acidification Potential

EP - Eutrophication Potential

POCP - Photochemical Ozon Creation Potential

# 7. TENA Slip Super M

711228 & 711928 & 712135

one day of absorbent product use						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,689	0,136	0,271	1,096
	Biogenic	kg CO <sub>2</sub> eq.	-0,432	0,000	0,147	-0,286
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00053	0,00083	0,00051	0,00187
	Total	kg CO <sub>2</sub> eq.	0,258	0,137	0,418	0,813
Acidification potential (AP)		kg SO <sub>2</sub> eq.	3,53E-03	4,59E-04	1,84E-04	4,17E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	7,66E-04	5,24E-05	1,60E-04	9,79E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,52E-03	2,36E-04	1,54E-04	2,91E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	6,54E-07	4,46E-08	2,90E-09	7,01E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,53E+01	1,71E+00	5,91E-01	1,76E+01
Water scarcity potential		m <sup>3</sup> eq.	1,92E+01	4,66E-02	3,21E-02	1,93E+01
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	8,95E+00	9,85E-01	3,81E-02	9,97E+00
	Used as raw materials	MJ, net calorific value	4,48E+00	(N/A)	(N/A)	4,48E+00
	Total	MJ, net calorific value	1,34E+01	9,85E-01	3,81E-02	1,44E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,65E+01	2,22E+00	6,16E-01	1,94E+01
	Used as raw materials	MJ, net calorific value	4,81E+00	1,98E-03	3,36E-02	4,85E+00
	Total	MJ, net calorific value	2,13E+01	2,22E+00	6,50E-01	2,42E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	3,04E-02	1,07E-02	1,16E-03	4,23E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	5,08E-06	1,68E-09	2,49E-08	5,11E-06
Non-hazardous waste disposed		kg	3,06E-03	2,59E-03	7,55E-02	8,11E-02
Radioactive waste disposed		kg	1,44E-04	2,00E-04	4,58E-06	3,49E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	2,21E-01	2,21E-01
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

## 8. TENA Slip Super L

711428 & 711431 & 712139

### one absorbent product

#### Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,206	0,040	0,080	0,326
	Biogenic	kg CO <sub>2</sub> eq.	-0,122	0,000	0,042	-0,080
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00016	0,00024	0,00015	0,00054
	Total	kg CO <sub>2</sub> eq.	0,085	0,040	0,123	0,247
Acidification potential (AP)		kg SO <sub>2</sub> eq.	1,05E-03	1,33E-04	5,33E-05	1,23E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	2,19E-04	1,52E-05	4,61E-05	2,81E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	7,32E-04	6,85E-05	4,46E-05	8,46E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,74E-07	1,30E-08	6,86E-10	1,88E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	4,69E+00	4,96E-01	1,71E-01	5,36E+00
Water scarcity potential		m <sup>3</sup> eq.	6,12E+00	1,35E-02	9,34E-03	6,15E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)

#### Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	2,53E+00	2,86E-01	1,10E-02	2,83E+00
	Used as raw materials	MJ, net calorific value	1,26E+00	(N/A)	(N/A)	1,26E+00
	Total	MJ, net calorific value	3,80E+00	2,86E-01	1,10E-02	4,09E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	5,08E+00	6,43E-01	1,79E-01	5,90E+00
	Used as raw materials	MJ, net calorific value	1,68E+00	5,74E-04	9,67E-03	1,69E+00
	Total	MJ, net calorific value	6,76E+00	6,44E-01	1,88E-01	7,59E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	8,66E-03	3,12E-03	3,36E-04	1,21E-02

#### Waste and output flows

Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	1,64E-06	4,88E-10	7,21E-09	1,65E-06
Non-hazardous waste disposed		kg	8,49E-04	7,51E-04	2,21E-02	2,37E-02
Radioactive waste disposed		kg	4,21E-05	5,81E-05	1,33E-06	1,02E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	6,29E-02	6,29E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential

AP - Acidification Potential

EP - Eutrophication Potential

POCP - Photochemical Ozon Creation Potential

## 8. TENA Slip Super L

711428 & 711431 & 712139

### one day of absorbent product use

#### Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,826	0,158	0,321	1,305
	Biogenic	kg CO <sub>2</sub> eq.	-0,487	0,000	0,169	-0,319
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00062	0,00096	0,00059	0,00217
	Total	kg CO <sub>2</sub> eq.	0,339	0,159	0,490	0,988
Acidification potential (AP)		kg SO <sub>2</sub> eq.	4,18E-03	5,33E-04	2,13E-04	4,93E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	8,77E-04	6,09E-05	1,84E-04	1,12E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,93E-03	2,74E-04	1,78E-04	3,38E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	6,96E-07	5,18E-08	2,74E-09	7,50E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,88E+01	1,98E+00	6,84E-01	2,14E+01
Water scarcity potential		m <sup>3</sup> eq.	2,45E+01	5,41E-02	3,74E-02	2,46E+01
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)

#### Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,01E+01	1,14E+00	4,42E-02	1,13E+01
	Used as raw materials	MJ, net calorific value	5,05E+00	(N/A)	(N/A)	5,05E+00
	Total	MJ, net calorific value	1,52E+01	1,14E+00	4,42E-02	1,64E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,03E+01	2,57E+00	7,14E-01	2,36E+01
	Used as raw materials	MJ, net calorific value	6,71E+00	2,30E-03	3,87E-02	6,75E+00
	Total	MJ, net calorific value	2,70E+01	2,58E+00	7,53E-01	3,04E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	3,46E-02	1,25E-02	1,34E-03	4,85E-02

#### Waste and output flows

Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	6,57E-06	1,95E-09	2,89E-08	6,60E-06
Non-hazardous waste disposed		kg	3,40E-03	3,00E-03	8,84E-02	9,48E-02
Radioactive waste disposed		kg	1,68E-04	2,32E-04	5,32E-06	4,06E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	2,52E-01	2,52E-01
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential

AP - Acidification Potential

EP - Eutrophication Potential

POCP - Photochemical Ozon Creation Potential

# 9. TENA Slip Super XL

711023

## one absorbent product

### Environmental impact category

Parameter	Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,220	0,044	0,088
	Biogenic	kg CO <sub>2</sub> eq.	-0,142	0,000	0,048
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00017	0,00027	0,00016
	Total	kg CO <sub>2</sub> eq.	0,078	0,044	0,136
Acidification potential (AP)	kg SO <sub>2</sub> eq.	1,14E-03	1,49E-04	5,87E-05	1,35E-03
Eutrophication potential (EP)	kg PO <sub>4</sub> <sup>3-</sup> eq.	2,44E-04	1,70E-05	5,15E-05	3,13E-04
Formation potential of tropospheric ozone (POCP)	kg NMVOC eq.	8,04E-04	7,64E-05	4,96E-05	9,30E-04
Abiotic depletion potential - Elements (ADP-elements)	kg Sb eq.	2,00E-07	1,44E-08	1,09E-09	2,15E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)	MJ, net calorific value	4,90E+00	5,53E-01	1,87E-01	5,64E+00
Water scarcity potential	m <sup>3</sup> eq.	6,47E+00	1,51E-02	1,03E-02	6,49E+00
Land use and land use change (LUC)	m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)

### Resources

Parameter	Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	2,91E+00	3,19E-01	1,21E-02
	Used as raw materials	MJ, net calorific value	1,47E+00	(N/A)	(N/A)
	Total	MJ, net calorific value	4,38E+00	3,19E-01	1,21E-02
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	5,31E+00	7,17E-01	1,96E-01
	Used as raw materials	MJ, net calorific value	1,64E+00	6,40E-04	1,09E-02
	Total	MJ, net calorific value	6,95E+00	7,18E-01	2,06E-01
Secondary material	kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water	m <sup>3</sup>	9,46E-03	3,48E-03	3,71E-04	1,33E-02

### Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	1,26E-06	5,44E-10	7,87E-09	1,27E-06
Non-hazardous waste disposed	kg	9,50E-04	8,37E-04	2,41E-02	2,59E-02
Radioactive waste disposed	kg	4,52E-05	6,48E-05	1,47E-06	1,11E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	7,19E-02	7,19E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

# 9. TENA Slip Super XL

711023

one day of absorbent product use

## Environmental impact category

Parameter	Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,880	0,177	0,354
	Biogenic	kg CO <sub>2</sub> eq.	-0,567	0,000	0,190
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00067	0,00107	0,00065
	Total	kg CO <sub>2</sub> eq.	0,313	0,177	0,544
Acidification potential (AP)	kg SO <sub>2</sub> eq.	4,56E-03	5,94E-04	2,35E-04	5,39E-03
Eutrophication potential (EP)	kg PO <sub>4</sub> <sup>3-</sup> eq.	9,77E-04	6,79E-05	2,06E-04	1,25E-03
Formation potential of tropospheric ozone (POCP)	kg NMVOC eq.	3,22E-03	3,05E-04	1,99E-04	3,72E-03
Abiotic depletion potential - Elements (ADP-elements)	kg Sb eq.	8,00E-07	5,78E-08	4,35E-09	8,62E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)	MJ, net calorific value	1,96E+01	2,21E+00	7,49E-01	2,25E+01
Water scarcity potential	m <sup>3</sup> eq.	2,59E+01	6,03E-02	4,13E-02	2,60E+01
Land use and land use change (LUC)	m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)

## Resources

Parameter	Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,16E+01	1,27E+00	4,85E-02
	Used as raw materials	MJ, net calorific value	5,87E+00	(N/A)	(N/A)
	Total	MJ, net calorific value	1,75E+01	1,27E+00	4,85E-02
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,12E+01	2,87E+00	7,82E-01
	Used as raw materials	MJ, net calorific value	6,57E+00	2,56E-03	4,36E-02
	Total	MJ, net calorific value	2,78E+01	2,87E+00	8,26E-01
Secondary material	kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water	m <sup>3</sup>	3,79E-02	1,39E-02	1,48E-03	5,33E-02

## Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	5,05E-06	2,18E-09	3,15E-08	5,09E-06
Non-hazardous waste disposed	kg	3,80E-03	3,35E-03	9,64E-02	1,04E-01
Radioactive waste disposed	kg	1,81E-04	2,59E-04	5,87E-06	4,46E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	2,88E-01	2,88E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential

AP - Acidification Potential

EP - Eutrophication Potential

POCP - Photochemical Ozon Creation Potential

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,141	0,028	0,056	0,225
	Biogenic	kg CO <sub>2</sub> eq.	-0,091	0,000	0,030	-0,060
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00011	0,00017	0,00011	0,00039
	Total	kg CO <sub>2</sub> eq.	0,051	0,028	0,086	0,165
Acidification potential (AP)		kg SO <sub>2</sub> eq.	7,24E-04	9,43E-05	3,86E-05	8,57E-04
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	1,61E-04	1,08E-05	3,32E-05	2,05E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	5,22E-04	4,85E-05	3,21E-05	6,02E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,43E-07	9,17E-09	6,62E-10	1,53E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,06E+00	3,51E-01	1,24E-01	3,54E+00
Water scarcity potential		m <sup>3</sup> eq.	3,74E+00	9,57E-03	6,64E-03	3,76E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,88E+00	2,02E-01	7,99E-03	2,09E+00
	Used as raw materials	MJ, net calorific value	9,40E-01	(N/A)	(N/A)	9,40E-01
	Total	MJ, net calorific value	2,82E+00	2,02E-01	7,99E-03	3,03E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,31E+00	4,55E-01	1,29E-01	3,90E+00
	Used as raw materials	MJ, net calorific value	8,71E-01	4,06E-04	6,98E-03	8,78E-01
	Total	MJ, net calorific value	4,18E+00	4,56E-01	1,36E-01	4,78E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	6,40E-03	2,21E-03	2,39E-04	8,85E-03
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	1,02E-06	3,45E-10	5,27E-09	1,02E-06
Non-hazardous waste disposed		kg	6,51E-04	5,32E-04	1,55E-02	1,67E-02
Radioactive waste disposed		kg	3,02E-05	4,11E-05	9,49E-07	7,23E-05
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	4,63E-02	4,63E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

one day of absorbent product use						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,564	0,112	0,222	0,898
	Biogenic	kg CO <sub>2</sub> eq.	-0,362	0,000	0,122	-0,241
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00045	0,00068	0,00043	0,00156
	Total	kg CO <sub>2</sub> eq.	0,202	0,113	0,344	0,659
Acidification potential (AP)		kg SO <sub>2</sub> eq.	2,90E-03	3,77E-04	1,54E-04	3,43E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	6,45E-04	4,31E-05	1,33E-04	8,21E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,09E-03	1,94E-04	1,28E-04	2,41E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	5,74E-07	3,67E-08	2,65E-09	6,13E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,22E+01	1,40E+00	4,96E-01	1,41E+01
Water scarcity potential		m <sup>3</sup> eq.	1,50E+01	3,83E-02	2,66E-02	1,50E+01
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	7,54E+00	8,09E-01	3,20E-02	8,38E+00
	Used as raw materials	MJ, net calorific value	3,76E+00	(N/A)	(N/A)	3,76E+00
	Total	MJ, net calorific value	1,13E+01	8,09E-01	3,20E-02	1,21E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,33E+01	1,82E+00	5,18E-01	1,56E+01
	Used as raw materials	MJ, net calorific value	3,48E+00	1,63E-03	2,79E-02	3,51E+00
	Total	MJ, net calorific value	1,67E+01	1,82E+00	5,46E-01	1,91E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	2,56E-02	8,84E-03	9,57E-04	3,54E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	4,07E-06	1,38E-09	2,11E-08	4,09E-06
Non-hazardous waste disposed		kg	2,60E-03	2,13E-03	6,21E-02	6,68E-02
Radioactive waste disposed		kg	1,21E-04	1,64E-04	3,79E-06	2,89E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	1,85E-01	1,85E-01
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,203	0,042	0,081	0,326
	Biogenic	kg CO <sub>2</sub> eq.	-0,134	0,000	0,045	-0,089
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00016	0,00025	0,00016	0,00057
	<b>Total</b>	kg CO <sub>2</sub> eq.	0,070	0,042	0,126	0,237
Acidification potential (AP)		kg SO <sub>2</sub> eq.	1,05E-03	1,40E-04	5,63E-05	1,24E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	2,37E-04	1,60E-05	4,88E-05	3,01E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	7,60E-04	7,20E-05	4,71E-05	8,79E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	2,15E-07	1,36E-08	1,07E-09	2,30E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	4,42E+00	5,22E-01	1,80E-01	5,12E+00
Water scarcity potential		m <sup>3</sup> eq.	5,44E+00	1,42E-02	9,83E-03	5,46E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	2,74E+00	3,01E-01	1,16E-02	3,06E+00
	Used as raw materials	MJ, net calorific value	1,38E+00	(N/A)	(N/A)	1,38E+00
	<b>Total</b>	MJ, net calorific value	4,13E+00	3,01E-01	1,16E-02	4,44E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	4,78E+00	6,77E-01	1,87E-01	5,65E+00
	Used as raw materials	MJ, net calorific value	1,22E+00	6,04E-04	1,03E-02	1,23E+00
	<b>Total</b>	MJ, net calorific value	6,01E+00	6,77E-01	1,98E-01	6,88E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	9,37E-03	3,28E-03	3,53E-04	1,30E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	1,32E-06	5,13E-10	7,57E-09	1,33E-06
Non-hazardous waste disposed		kg	9,28E-04	7,90E-04	2,30E-02	2,47E-02
Radioactive waste disposed		kg	4,32E-05	6,11E-05	1,40E-06	1,06E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	6,81E-02	6,81E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 11. TENA Slip Maxi M

710924 & 711824 & 712136

one day of absorbent product use						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,813	0,167	0,323	1,302
	Biogenic	kg CO <sub>2</sub> eq.	-0,534	0,000	0,180	-0,355
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00063	0,00101	0,00062	0,00226
	Total	kg CO <sub>2</sub> eq.	0,279	0,167	0,503	0,950
Acidification potential (AP)		kg SO <sub>2</sub> eq.	4,18E-03	5,61E-04	2,25E-04	4,97E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	9,46E-04	6,40E-05	1,95E-04	1,21E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,04E-03	2,88E-04	1,88E-04	3,52E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	8,60E-07	5,45E-08	4,27E-09	9,18E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,77E+01	2,09E+00	7,18E-01	2,05E+01
Water scarcity potential		m <sup>3</sup> eq.	2,17E+01	5,69E-02	3,93E-02	2,18E+01
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,10E+01	1,20E+00	4,64E-02	1,22E+01
	Used as raw materials	MJ, net calorific value	5,53E+00	(N/A)	(N/A)	5,53E+00
	Total	MJ, net calorific value	1,65E+01	1,20E+00	4,64E-02	1,78E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,91E+01	2,71E+00	7,50E-01	2,26E+01
	Used as raw materials	MJ, net calorific value	4,88E+00	2,42E-03	4,12E-02	4,93E+00
	Total	MJ, net calorific value	2,40E+01	2,71E+00	7,91E-01	2,75E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	3,75E-02	1,31E-02	1,41E-03	5,20E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	5,29E-06	2,05E-09	3,03E-08	5,32E-06
Non-hazardous waste disposed		kg	3,71E-03	3,16E-03	9,20E-02	9,88E-02
Radioactive waste disposed		kg	1,73E-04	2,44E-04	5,58E-06	4,23E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	2,72E-01	2,72E-01
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 12. TENA Slip Maxi L

711022 & 711024 &  
711032 & 712140

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,250	0,051	0,099	0,400
	Biogenic	kg CO <sub>2</sub> eq.	-0,159	0,000	0,054	-0,105
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00019	0,00031	0,00019	0,00068
	Total	kg CO <sub>2</sub> eq.	0,092	0,051	0,153	0,296
Acidification potential (AP)		kg SO <sub>2</sub> eq.	1,28E-03	1,70E-04	6,79E-05	1,52E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	2,84E-04	1,94E-05	5,90E-05	3,62E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	9,21E-04	8,74E-05	5,69E-05	1,07E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	2,48E-07	1,65E-08	1,18E-09	2,65E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	5,55E+00	6,33E-01	2,16E-01	6,40E+00
Water scarcity potential		m <sup>3</sup> eq.	7,02E+00	1,72E-02	1,19E-02	7,05E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	3,27E+00	3,65E-01	1,40E-02	3,65E+00
	Used as raw materials	MJ, net calorific value	1,65E+00	(N/A)	(N/A)	1,65E+00
	Total	MJ, net calorific value	4,92E+00	3,65E-01	1,40E-02	5,30E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	6,01E+00	8,21E-01	2,26E-01	7,06E+00
	Used as raw materials	MJ, net calorific value	1,70E+00	7,33E-04	1,24E-02	1,72E+00
	Total	MJ, net calorific value	7,71E+00	8,22E-01	2,38E-01	8,77E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	1,12E-02	3,98E-03	4,29E-04	1,56E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	1,72E-06	6,22E-10	9,10E-09	1,73E-06
Non-hazardous waste disposed		kg	1,08E-03	9,58E-04	2,80E-02	3,01E-02
Radioactive waste disposed		kg	5,21E-05	7,41E-05	1,69E-06	1,28E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	8,13E-02	8,13E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
AP - Acidification Potential  
EP - Eutrophication Potential  
POCP - Photochemical Ozon Creation Potential

## 12. TENA Slip Maxi L

711022 & 711024 &  
711032 & 712140

one day of absorbent product use

### Environmental impact category

Parameter	Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	1,002	0,202	0,395
	Biogenic	kg CO <sub>2</sub> eq.	-0,636	0,000	0,217
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00076	0,00122	0,00075
	Total	kg CO <sub>2</sub> eq.	0,367	0,203	0,613
Acidification potential (AP)	kg SO <sub>2</sub> eq.	5,13E-03	6,80E-04	2,71E-04	6,08E-03
Eutrophication potential (EP)	kg PO <sub>4</sub> <sup>3-</sup> eq.	1,13E-03	7,77E-05	2,36E-04	1,45E-03
Formation potential of tropospheric ozone (POCP)	kg NMVOC eq.	3,68E-03	3,50E-04	2,28E-04	4,26E-03
Abiotic depletion potential - Elements (ADP-elements)	kg Sb eq.	9,91E-07	6,61E-08	4,72E-09	1,06E-06
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)	MJ, net calorific value	2,22E+01	2,53E+00	8,66E-01	2,56E+01
Water scarcity potential	m <sup>3</sup> eq.	2,81E+01	6,90E-02	4,77E-02	2,82E+01
Land use and land use change (LUC)	m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)

### Resources

Parameter	Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,31E+01	1,46E+00	5,59E-02
	Used as raw materials	MJ, net calorific value	6,59E+00	(N/A)	(N/A)
	Total	MJ, net calorific value	1,97E+01	1,46E+00	5,59E-02
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,40E+01	3,28E+00	9,04E-01
	Used as raw materials	MJ, net calorific value	6,81E+00	2,93E-03	4,97E-02
	Total	MJ, net calorific value	3,08E+01	3,29E+00	9,53E-01
Secondary material	kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water	m <sup>3</sup>	4,48E-02	1,59E-02	1,71E-03	6,25E-02

### Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	6,87E-06	2,49E-09	3,64E-08	6,91E-06
Non-hazardous waste disposed	kg	4,34E-03	3,83E-03	1,12E-01	1,20E-01
Radioactive waste disposed	kg	2,09E-04	2,96E-04	6,77E-06	5,12E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	3,25E-01	3,25E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential

AP - Acidification Potential

EP - Eutrophication Potential

POCP - Photochemical Ozon Creation Potential

# 13. TENA Slip Maxi XL

711026

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,258	0,051	0,100	0,410
	Biogenic	kg CO <sub>2</sub> eq.	-0,154	0,000	0,052	-0,103
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00019	0,00031	0,00019	0,00069
	Total	kg CO <sub>2</sub> eq.	0,104	0,052	0,152	0,308
Acidification potential (AP)		kg SO <sub>2</sub> eq.	1,29E-03	1,73E-04	6,86E-05	1,53E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	2,91E-04	1,98E-05	5,76E-05	3,68E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	9,40E-04	8,90E-05	5,61E-05	1,08E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	2,70E-07	1,68E-08	1,45E-09	2,88E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	5,75E+00	6,45E-01	2,21E-01	6,61E+00
Water scarcity potential		m <sup>3</sup> eq.	7,00E+00	1,76E-02	1,27E-02	7,03E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	3,18E+00	3,71E-01	1,44E-02	3,57E+00
	Used as raw materials	MJ, net calorific value	1,60E+00	(N/A)	(N/A)	1,60E+00
	Total	MJ, net calorific value	4,78E+00	3,71E-01	1,44E-02	5,17E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	6,22E+00	8,36E-01	2,30E-01	7,28E+00
	Used as raw materials	MJ, net calorific value	1,67E+00	7,46E-04	1,18E-02	1,68E+00
	Total	MJ, net calorific value	7,88E+00	8,37E-01	2,42E-01	8,96E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	1,16E-02	4,05E-03	4,56E-04	1,62E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	1,36E-06	6,34E-10	9,19E-09	1,37E-06
Non-hazardous waste disposed		kg	1,10E-03	9,76E-04	3,15E-02	3,36E-02
Radioactive waste disposed		kg	5,43E-05	7,55E-05	1,76E-06	1,32E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	8,42E-02	8,42E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 13. TENA Slip Maxi XL

711026

one day of absorbent product use

## Environmental impact category

Parameter	Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	1,033	0,206	0,402
	Biogenic	kg CO <sub>2</sub> eq.	-0,618	0,000	0,206
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00076	0,00125	0,00076
	Total	kg CO <sub>2</sub> eq.	0,416	0,207	0,609
Acidification potential (AP)	kg SO <sub>2</sub> eq.	5,16E-03	6,93E-04	2,74E-04	6,13E-03
Eutrophication potential (EP)	kg PO <sub>4</sub> <sup>3-</sup> eq.	1,16E-03	7,91E-05	2,30E-04	1,47E-03
Formation potential of tropospheric ozone (POCP)	kg NMVOC eq.	3,76E-03	3,56E-04	2,24E-04	4,34E-03
Abiotic depletion potential - Elements (ADP-elements)	kg Sb eq.	1,08E-06	6,73E-08	5,78E-09	1,15E-06
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)	MJ, net calorific value	2,30E+01	2,58E+00	8,83E-01	2,64E+01
Water scarcity potential	m <sup>3</sup> eq.	2,80E+01	7,03E-02	5,08E-02	2,81E+01
Land use and land use change (LUC)	m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)

## Resources

Parameter	Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,27E+01	1,49E+00	5,75E-02
	Used as raw materials	MJ, net calorific value	6,40E+00	(N/A)	(N/A)
	Total	MJ, net calorific value	1,91E+01	1,49E+00	5,75E-02
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,49E+01	3,34E+00	9,21E-01
	Used as raw materials	MJ, net calorific value	6,67E+00	2,98E-03	4,73E-02
	Total	MJ, net calorific value	3,15E+01	3,35E+00	9,68E-01
Secondary material	kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water	m <sup>3</sup>	4,66E-02	1,62E-02	1,82E-03	6,46E-02

## Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	5,44E-06	2,54E-09	3,68E-08	5,47E-06
Non-hazardous waste disposed	kg	4,38E-03	3,90E-03	1,26E-01	1,34E-01
Radioactive waste disposed	kg	2,17E-04	3,02E-04	7,05E-06	5,26E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	3,37E-01	3,37E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential

AP - Acidification Potential

EP - Eutrophication Potential

POCP - Photochemical Ozon Creation Potential

# 14. TENA Slip Original Plus S

211426

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,116	0,022	0,045	0,184
	Biogenic	kg CO <sub>2</sub> eq.	-0,069	0,000	0,023	-0,046
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00009	0,00014	0,00009	0,00031
	Total	kg CO <sub>2</sub> eq.	0,047	0,022	0,069	0,138
Acidification potential (AP)		kg SO <sub>2</sub> eq.	6,00E-04	7,50E-05	3,06E-05	7,05E-04
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	1,26E-04	8,57E-06	2,58E-05	1,60E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,20E-04	3,86E-05	2,51E-05	4,84E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,03E-07	7,29E-09	1,56E-10	1,10E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,63E+00	2,79E-01	9,92E-02	3,01E+00
Water scarcity potential		m <sup>3</sup> eq.	3,25E+00	7,61E-03	5,36E-03	3,27E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,44E+00	1,61E-01	6,37E-03	1,61E+00
	Used as raw materials	MJ, net calorific value	7,14E-01	(N/A)	(N/A)	7,14E-01
	Total	MJ, net calorific value	2,16E+00	1,61E-01	6,37E-03	2,32E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,85E+00	3,62E-01	1,03E-01	3,31E+00
	Used as raw materials	MJ, net calorific value	9,25E-01	3,23E-04	5,34E-03	9,31E-01
	Total	MJ, net calorific value	3,77E+00	3,62E-01	1,09E-01	4,24E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	5,06E-03	1,76E-03	1,93E-04	7,01E-03
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	1,32E-06	2,75E-10	4,20E-09	1,33E-06
Non-hazardous waste disposed		kg	4,54E-04	4,23E-04	1,29E-02	1,38E-02
Radioactive waste disposed		kg	2,33E-05	3,27E-05	7,62E-07	5,68E-05
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	3,66E-02	3,66E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

# 14. TENA Slip Original Plus S

211426

one day of absorbent product use

## Environmental impact category

Parameter	Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,464	0,089	0,182
	Biogenic	kg CO <sub>2</sub> eq.	-0,275	0,000	0,093
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00035	0,00054	0,00035
	Total	kg CO <sub>2</sub> eq.	0,189	0,090	0,275
Acidification potential (AP)	kg SO <sub>2</sub> eq.	2,40E-03	3,00E-04	1,22E-04	2,82E-03
Eutrophication potential (EP)	kg PO <sub>4</sub> <sup>3-</sup> eq.	5,03E-04	3,43E-05	1,03E-04	6,40E-04
Formation potential of tropospheric ozone (POCP)	kg NMVOC eq.	1,68E-03	1,54E-04	1,01E-04	1,94E-03
Abiotic depletion potential - Elements (ADP-elements)	kg Sb eq.	4,11E-07	2,92E-08	6,26E-10	4,41E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)	MJ, net calorific value	1,05E+01	1,12E+00	3,97E-01	1,20E+01
Water scarcity potential	m <sup>3</sup> eq.	1,30E+01	3,04E-02	2,14E-02	1,31E+01
Land use and land use change (LUC)	m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)

## Resources

Parameter	Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5,77E+00	6,44E-01	2,55E-02
	Used as raw materials	MJ, net calorific value	2,86E+00	(N/A)	2,86E+00
	Total	MJ, net calorific value	8,62E+00	6,44E-01	2,55E-02
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,14E+01	1,45E+00	4,13E-01
	Used as raw materials	MJ, net calorific value	3,70E+00	1,29E-03	2,14E-02
	Total	MJ, net calorific value	1,51E+01	1,45E+00	4,35E-01
Secondary material	kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water	m <sup>3</sup>	2,02E-02	7,03E-03	7,71E-04	2,80E-02

## Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	5,29E-06	1,10E-09	1,68E-08	5,31E-06
Non-hazardous waste disposed	kg	1,82E-03	1,69E-03	5,16E-02	5,51E-02
Radioactive waste disposed	kg	9,33E-05	1,31E-04	3,05E-06	2,27E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,46E-01	1,46E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential

AP - Acidification Potential

EP - Eutrophication Potential

POCP - Photochemical Ozon Creation Potential

# 15. TENA Slip Original Plus M

212130

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,124	0,026	0,053	0,204
	Biogenic	kg CO <sub>2</sub> eq.	-0,095	0,000	0,032	-0,063
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00010	0,00016	0,00010	0,00037
	Total	kg CO <sub>2</sub> eq.	0,030	0,027	0,085	0,141
Acidification potential (AP)		kg SO <sub>2</sub> eq.	6,97E-04	8,91E-05	3,62E-05	8,22E-04
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	1,47E-04	1,02E-05	3,33E-05	1,91E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,81E-04	4,58E-05	3,16E-05	5,59E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,13E-07	8,66E-09	5,86E-10	1,22E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,67E+00	3,32E-01	1,14E-01	3,11E+00
Water scarcity potential		m <sup>3</sup> eq.	3,72E+00	9,04E-03	5,67E-03	3,73E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,94E+00	1,91E-01	7,28E-03	2,14E+00
	Used as raw materials	MJ, net calorific value	9,81E-01	(N/A)	(N/A)	9,81E-01
	Total	MJ, net calorific value	2,92E+00	1,91E-01	7,28E-03	3,12E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,91E+00	4,30E-01	1,19E-01	3,46E+00
	Used as raw materials	MJ, net calorific value	9,02E-01	3,84E-04	7,30E-03	9,09E-01
	Total	MJ, net calorific value	3,81E+00	4,31E-01	1,27E-01	4,37E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	5,48E-03	2,09E-03	2,05E-04	7,77E-03
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	8,41E-07	3,26E-10	4,93E-09	8,46E-07
Non-hazardous waste disposed		kg	5,58E-04	5,02E-04	1,16E-02	1,26E-02
Radioactive waste disposed		kg	2,55E-05	3,88E-05	8,43E-07	6,52E-05
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	4,33E-02	4,33E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

# 15. TENA Slip Original Plus M

212130

one day of absorbent product use

## Environmental impact category

Parameter	Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,497	0,106	0,211
	Biogenic	kg CO <sub>2</sub> eq.	-0,379	0,000	0,128
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00042	0,00064	0,00041
	Total	kg CO <sub>2</sub> eq.	0,119	0,106	0,339
Acidification potential (AP)	kg SO <sub>2</sub> eq.	2,79E-03	3,56E-04	1,45E-04	3,29E-03
Eutrophication potential (EP)	kg PO <sub>4</sub> <sup>3-</sup> eq.	5,90E-04	4,07E-05	1,33E-04	7,64E-04
Formation potential of tropospheric ozone (POCP)	kg NMVOC eq.	1,93E-03	1,83E-04	1,26E-04	2,23E-03
Abiotic depletion potential - Elements (ADP-elements)	kg Sb eq.	4,51E-07	3,46E-08	2,34E-09	4,88E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)	MJ, net calorific value	1,07E+01	1,33E+00	4,56E-01	1,25E+01
Water scarcity potential	m <sup>3</sup> eq.	1,49E+01	3,62E-02	2,27E-02	1,49E+01
Land use and land use change (LUC)	m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)

## Resources

Parameter	Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	7,75E+00	7,64E-01	2,91E-02
	Used as raw materials	MJ, net calorific value	3,92E+00	(N/A)	(N/A)
	Total	MJ, net calorific value	1,17E+01	7,64E-01	2,91E-02
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,16E+01	1,72E+00	4,77E-01
	Used as raw materials	MJ, net calorific value	3,61E+00	1,54E-03	2,92E-02
	Total	MJ, net calorific value	1,52E+01	1,72E+00	5,06E-01
Secondary material	kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water	m <sup>3</sup>	2,19E-02	8,35E-03	8,19E-04	3,11E-02

## Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	3,36E-06	1,30E-09	1,97E-08	3,38E-06
Non-hazardous waste disposed	kg	2,23E-03	2,01E-03	4,62E-02	5,05E-02
Radioactive waste disposed	kg	1,02E-04	1,55E-04	3,37E-06	2,61E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,73E-01	1,73E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential

AP - Acidification Potential

EP - Eutrophication Potential

POCP - Photochemical Ozon Creation Potential

# 16. TENA Slip Original Plus L

212230

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,155	0,032	0,064	0,251
	Biogenic	kg CO <sub>2</sub> eq.	-0,107	0,000	0,036	-0,070
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00012	0,00019	0,00012	0,00044
	Total	kg CO <sub>2</sub> eq.	0,049	0,032	0,100	0,181
Acidification potential (AP)		kg SO <sub>2</sub> eq.	8,34E-04	1,07E-04	4,33E-05	9,84E-04
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	1,78E-04	1,23E-05	3,87E-05	2,29E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	5,81E-04	5,52E-05	3,70E-05	6,74E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,42E-07	1,04E-08	8,78E-10	1,54E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,41E+00	4,00E-01	1,38E-01	3,94E+00
Water scarcity potential		m <sup>3</sup> eq.	4,63E+00	1,09E-02	7,16E-03	4,65E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	2,19E+00	2,30E-01	8,85E-03	2,43E+00
	Used as raw materials	MJ, net calorific value	1,10E+00	(N/A)	(N/A)	1,10E+00
	Total	MJ, net calorific value	3,30E+00	2,30E-01	8,85E-03	3,54E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,71E+00	5,18E-01	1,44E-01	4,37E+00
	Used as raw materials	MJ, net calorific value	1,15E+00	4,63E-04	8,32E-03	1,16E+00
	Total	MJ, net calorific value	4,86E+00	5,19E-01	1,52E-01	5,53E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	6,71E-03	2,51E-03	2,58E-04	9,49E-03
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	7,91E-07	3,93E-10	5,89E-09	7,98E-07
Non-hazardous waste disposed		kg	6,53E-04	6,05E-04	1,57E-02	1,69E-02
Radioactive waste disposed		kg	3,20E-05	4,68E-05	1,04E-06	7,98E-05
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	5,16E-02	5,16E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

# 16. TENA Slip Original Plus L

212230

one day of absorbent product use

## Environmental impact category

Parameter	Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,621	0,128	0,254
	Biogenic	kg CO <sub>2</sub> eq.	-0,427	0,000	0,145
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00049	0,00077	0,00048
	Total	kg CO <sub>2</sub> eq.	0,195	0,128	0,400
Acidification potential (AP)	kg SO <sub>2</sub> eq.	3,34E-03	4,30E-04	1,73E-04	3,94E-03
Eutrophication potential (EP)	kg PO <sub>4</sub> <sup>3-</sup> eq.	7,13E-04	4,91E-05	1,55E-04	9,16E-04
Formation potential of tropospheric ozone (POCP)	kg NMVOC eq.	2,33E-03	2,21E-04	1,48E-04	2,69E-03
Abiotic depletion potential - Elements (ADP-elements)	kg Sb eq.	5,69E-07	4,18E-08	3,51E-09	6,14E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)	MJ, net calorific value	1,36E+01	1,60E+00	5,51E-01	1,58E+01
Water scarcity potential	m <sup>3</sup> eq.	1,85E+01	4,36E-02	2,86E-02	1,86E+01
Land use and land use change (LUC)	m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)

## Resources

Parameter	Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	8,77E+00	9,21E-01	3,54E-02
	Used as raw materials	MJ, net calorific value	4,42E+00	(N/A)	(N/A)
	Total	MJ, net calorific value	1,32E+01	9,21E-01	3,54E-02
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,48E+01	2,07E+00	5,75E-01
	Used as raw materials	MJ, net calorific value	4,61E+00	1,85E-03	3,33E-02
	Total	MJ, net calorific value	1,94E+01	2,08E+00	6,08E-01
Secondary material	kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water	m <sup>3</sup>	2,69E-02	1,01E-02	1,03E-03	3,79E-02

## Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	3,17E-06	1,57E-09	2,36E-08	3,19E-06
Non-hazardous waste disposed	kg	2,61E-03	2,42E-03	6,28E-02	6,78E-02
Radioactive waste disposed	kg	1,28E-04	1,87E-04	4,16E-06	3,19E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	2,06E-01	2,06E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 17. TENA Slip Original Plus XL

212106

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,182	0,036	0,073	0,290
	Biogenic	kg CO <sub>2</sub> eq.	-0,115	0,000	0,039	-0,076
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00014	0,00022	0,00013	0,00049
	Total	kg CO <sub>2</sub> eq.	0,067	0,036	0,111	0,215
Acidification potential (AP)		kg SO <sub>2</sub> eq.	9,43E-04	1,21E-04	4,80E-05	1,11E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	1,97E-04	1,38E-05	4,20E-05	2,53E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	6,58E-04	6,22E-05	4,05E-05	7,61E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,54E-07	1,18E-08	7,99E-10	1,67E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	4,08E+00	4,51E-01	1,54E-01	4,69E+00
Water scarcity potential		m <sup>3</sup> eq.	5,47E+00	1,23E-02	8,29E-03	5,50E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	2,37E+00	2,60E-01	9,92E-03	2,64E+00
	Used as raw materials	MJ, net calorific value	1,19E+00	(N/A)	(N/A)	1,19E+00
	Total	MJ, net calorific value	3,56E+00	2,60E-01	9,92E-03	3,83E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	4,43E+00	5,85E-01	1,60E-01	5,17E+00
	Used as raw materials	MJ, net calorific value	1,44E+00	5,22E-04	8,90E-03	1,45E+00
	Total	MJ, net calorific value	5,87E+00	5,85E-01	1,69E-01	6,62E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	7,62E-03	2,84E-03	2,99E-04	1,08E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	1,12E-06	4,43E-10	6,51E-09	1,13E-06
Non-hazardous waste disposed		kg	7,76E-04	6,83E-04	1,92E-02	2,07E-02
Radioactive waste disposed		kg	3,76E-05	5,28E-05	1,19E-06	9,15E-05
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	5,82E-02	5,82E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 17. TENA Slip Original Plus XL

212106

one day of absorbent product use

## Environmental impact category

Parameter	Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,728	0,144	0,290
	Biogenic	kg CO <sub>2</sub> eq.	-0,458	0,000	0,155
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00056	0,00087	0,00054
	Total	kg CO <sub>2</sub> eq.	0,270	0,145	0,446
Acidification potential (AP)	kg SO <sub>2</sub> eq.	3,77E-03	4,84E-04	1,92E-04	4,45E-03
Eutrophication potential (EP)	kg PO <sub>4</sub> <sup>3-</sup> eq.	7,88E-04	5,53E-05	1,68E-04	1,01E-03
Formation potential of tropospheric ozone (POCP)	kg NMVOC eq.	2,63E-03	2,49E-04	1,62E-04	3,04E-03
Abiotic depletion potential - Elements (ADP-elements)	kg Sb eq.	6,17E-07	4,71E-08	3,20E-09	6,67E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)	MJ, net calorific value	1,63E+01	1,80E+00	6,15E-01	1,87E+01
Water scarcity potential	m <sup>3</sup> eq.	2,19E+01	4,91E-02	3,32E-02	2,20E+01
Land use and land use change (LUC)	m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)

## Resources

Parameter	Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	9,48E+00	1,04E+00	3,97E-02
	Used as raw materials	MJ, net calorific value	4,75E+00	(N/A)	(N/A)
	Total	MJ, net calorific value	1,42E+01	1,04E+00	3,97E-02
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,77E+01	2,34E+00	6,42E-01
	Used as raw materials	MJ, net calorific value	5,76E+00	2,09E-03	3,56E-02
	Total	MJ, net calorific value	2,35E+01	2,34E+00	6,78E-01
Secondary material	kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water	m <sup>3</sup>	3,05E-02	1,13E-02	1,19E-03	4,30E-02

## Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	4,50E-06	1,77E-09	2,60E-08	4,53E-06
Non-hazardous waste disposed	kg	3,11E-03	2,73E-03	7,69E-02	8,27E-02
Radioactive waste disposed	kg	1,50E-04	2,11E-04	4,75E-06	3,66E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	2,33E-01	2,33E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential

AP - Acidification Potential

EP - Eutrophication Potential

POCP - Photochemical Ozon Creation Potential

# 18. TENA Slip Original Super M

212330

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,138	0,030	0,058	0,225
	Biogenic	kg CO <sub>2</sub> eq.	-0,104	0,000	0,035	-0,069
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00011	0,00018	0,00011	0,00041
	Total	kg CO <sub>2</sub> eq.	0,034	0,030	0,093	0,156
Acidification potential (AP)		kg SO <sub>2</sub> eq.	7,62E-04	9,98E-05	4,02E-05	9,02E-04
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	1,66E-04	1,14E-05	3,66E-05	2,14E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	5,36E-04	5,13E-05	3,49E-05	6,22E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,36E-07	9,70E-09	7,26E-10	1,47E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,94E+00	3,72E-01	1,27E-01	3,44E+00
Water scarcity potential		m <sup>3</sup> eq.	3,95E+00	1,01E-02	6,49E-03	3,97E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	2,12E+00	2,14E-01	8,12E-03	2,34E+00
	Used as raw materials	MJ, net calorific value	1,08E+00	(N/A)	(N/A)	1,08E+00
	Total	MJ, net calorific value	3,20E+00	2,14E-01	8,12E-03	3,42E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,20E+00	4,82E-01	1,33E-01	3,81E+00
	Used as raw materials	MJ, net calorific value	9,06E-01	4,30E-04	7,98E-03	9,15E-01
	Total	MJ, net calorific value	4,10E+00	4,82E-01	1,41E-01	4,73E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	6,26E-03	2,34E-03	2,34E-04	8,83E-03
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	8,68E-07	3,65E-10	5,45E-09	8,74E-07
Non-hazardous waste disposed		kg	6,24E-04	5,62E-04	1,37E-02	1,49E-02
Radioactive waste disposed		kg	2,86E-05	4,35E-05	9,52E-07	7,30E-05
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	4,87E-02	4,87E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 18. TENA Slip Original Super M

212330

one day of absorbent product use

## Environmental impact category

Parameter	Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,550	0,119	0,232
	Biogenic	kg CO <sub>2</sub> eq.	-0,416	0,000	0,139
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00045	0,00072	0,00045
	Total	kg CO <sub>2</sub> eq.	0,135	0,119	0,372
Acidification potential (AP)	kg SO <sub>2</sub> eq.	3,05E-03	3,99E-04	1,61E-04	3,61E-03
Eutrophication potential (EP)	kg PO <sub>4</sub> <sup>3-</sup> eq.	6,64E-04	4,56E-05	1,47E-04	8,56E-04
Formation potential of tropospheric ozone (POCP)	kg NMVOC eq.	2,14E-03	2,05E-04	1,39E-04	2,49E-03
Abiotic depletion potential - Elements (ADP-elements)	kg Sb eq.	5,45E-07	3,88E-08	2,90E-09	5,87E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)	MJ, net calorific value	1,18E+01	1,49E+00	5,08E-01	1,38E+01
Water scarcity potential	m <sup>3</sup> eq.	1,58E+01	4,05E-02	2,60E-02	1,59E+01
Land use and land use change (LUC)	m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)

## Resources

Parameter	Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	8,49E+00	8,56E-01	3,25E-02
	Used as raw materials	MJ, net calorific value	4,31E+00	(N/A)	(N/A)
	Total	MJ, net calorific value	1,28E+01	8,56E-01	3,25E-02
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,28E+01	1,93E+00	5,31E-01
	Used as raw materials	MJ, net calorific value	3,63E+00	1,72E-03	3,19E-02
	Total	MJ, net calorific value	1,64E+01	1,93E+00	5,63E-01
Secondary material	kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water	m <sup>3</sup>	2,51E-02	9,35E-03	9,36E-04	3,53E-02

## Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	3,47E-06	1,46E-09	2,18E-08	3,50E-06
Non-hazardous waste disposed	kg	2,50E-03	2,25E-03	5,47E-02	5,95E-02
Radioactive waste disposed	kg	1,14E-04	1,74E-04	3,81E-06	2,92E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,95E-01	1,95E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential

AP - Acidification Potential

EP - Eutrophication Potential

POCP - Photochemical Ozon Creation Potential

# 19. TENA Slip Original Super L

212430

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,165	0,035	0,069	0,269
	Biogenic	kg CO <sub>2</sub> eq.	-0,119	0,000	0,040	-0,079
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00013	0,00021	0,00013	0,00048
	Total	kg CO <sub>2</sub> eq.	0,046	0,035	0,109	0,190
Acidification potential (AP)		kg SO <sub>2</sub> eq.	9,00E-04	1,18E-04	4,71E-05	1,06E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	1,95E-04	1,34E-05	4,27E-05	2,51E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	6,30E-04	6,04E-05	4,07E-05	7,32E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,58E-07	1,14E-08	1,00E-09	1,70E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,58E+00	4,38E-01	1,49E-01	4,16E+00
Water scarcity potential		m <sup>3</sup> eq.	4,88E+00	1,19E-02	7,73E-03	4,90E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	2,44E+00	2,52E-01	9,56E-03	2,70E+00
	Used as raw materials	MJ, net calorific value	1,24E+00	(N/A)	(N/A)	1,24E+00
	Total	MJ, net calorific value	3,68E+00	2,52E-01	9,56E-03	3,94E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,89E+00	5,67E-01	1,56E-01	4,62E+00
	Used as raw materials	MJ, net calorific value	1,16E+00	5,06E-04	9,25E-03	1,17E+00
	Total	MJ, net calorific value	5,05E+00	5,68E-01	1,65E-01	5,78E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	7,31E-03	2,75E-03	2,78E-04	1,03E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	8,03E-07	4,30E-10	6,37E-09	8,10E-07
Non-hazardous waste disposed		kg	7,20E-04	6,62E-04	1,66E-02	1,80E-02
Radioactive waste disposed		kg	3,41E-05	5,12E-05	1,13E-06	8,65E-05
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	5,67E-02	5,67E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 19. TENA Slip Original Super L

212430

one day of absorbent product use						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,661	0,140	0,275	1,075
	Biogenic	kg CO <sub>2</sub> eq.	-0,478	0,000	0,162	-0,317
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00053	0,00085	0,00052	0,00190
	Total	kg CO <sub>2</sub> eq.	0,184	0,140	0,437	0,761
Acidification potential (AP)		kg SO <sub>2</sub> eq.	3,60E-03	4,70E-04	1,89E-04	4,26E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	7,79E-04	5,37E-05	1,71E-04	1,00E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,52E-03	2,42E-04	1,63E-04	2,93E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	6,32E-07	4,57E-08	4,01E-09	6,82E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,43E+01	1,75E+00	5,96E-01	1,67E+01
Water scarcity potential		m <sup>3</sup> eq.	1,95E+01	4,77E-02	3,09E-02	1,96E+01
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	9,76E+00	1,01E+00	3,83E-02	1,08E+01
	Used as raw materials	MJ, net calorific value	4,95E+00	(N/A)	(N/A)	4,95E+00
	Total	MJ, net calorific value	1,47E+01	1,01E+00	3,83E-02	1,58E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,56E+01	2,27E+00	6,23E-01	1,85E+01
	Used as raw materials	MJ, net calorific value	4,62E+00	2,03E-03	3,70E-02	4,66E+00
	Total	MJ, net calorific value	2,02E+01	2,27E+00	6,60E-01	2,31E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	2,92E-02	1,10E-02	1,11E-03	4,13E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	3,21E-06	1,72E-09	2,55E-08	3,24E-06
Non-hazardous waste disposed		kg	2,88E-03	2,65E-03	6,64E-02	7,19E-02
Radioactive waste disposed		kg	1,37E-04	2,05E-04	4,50E-06	3,46E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	2,27E-01	2,27E-01
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 20. TENA Slip Original Maxi M

212024

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,193	0,042	0,073	0,308
	Biogenic	kg CO <sub>2</sub> eq.	-0,135	0,000	0,044	-0,090
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00015	0,00025	0,00004	0,00044
	Total	kg CO <sub>2</sub> eq.	0,059	0,042	0,117	0,218
Acidification potential (AP)		kg SO <sub>2</sub> eq.	1,03E-03	1,41E-04	3,55E-05	1,21E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	2,27E-04	1,61E-05	4,43E-05	2,88E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	7,45E-04	7,23E-05	4,13E-05	8,58E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	2,06E-07	1,37E-08	4,88E-10	2,20E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	4,27E+00	5,24E-01	8,02E-02	4,88E+00
Water scarcity potential		m <sup>3</sup> eq.	5,48E+00	1,43E-02	9,56E-03	5,51E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	2,70E+00	3,02E-01	5,79E-03	3,01E+00
	Used as raw materials	MJ, net calorific value	1,39E+00	(N/A)	(N/A)	1,39E+00
	Total	MJ, net calorific value	4,09E+00	3,02E-01	5,79E-03	4,40E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	4,63E+00	6,79E-01	8,76E-02	5,40E+00
	Used as raw materials	MJ, net calorific value	1,27E+00	6,06E-04	1,01E-02	1,28E+00
	Total	MJ, net calorific value	5,90E+00	6,80E-01	9,77E-02	6,68E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	9,03E-03	3,29E-03	3,31E-04	1,27E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	1,33E-06	5,15E-10	2,03E-09	1,34E-06
Non-hazardous waste disposed		kg	8,37E-04	7,93E-04	2,27E-02	2,43E-02
Radioactive waste disposed		kg	3,87E-05	6,13E-05	1,25E-06	1,01E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	6,83E-02	6,83E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

# 20. TENA Slip Original Maxi M

212024

one day of absorbent product use						
Environmental impact category						
Parameter	Unit	Upstream	Core	Downstream	Total	
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,774	0,167	0,291	1,232
	Biogenic	kg CO <sub>2</sub> eq.	-0,539	0,000	0,177	-0,362
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00059	0,00101	0,00017	0,00177
	Total	kg CO <sub>2</sub> eq.	0,235	0,168	0,469	0,872
Acidification potential (AP)		kg SO <sub>2</sub> eq.	4,13E-03	5,63E-04	1,42E-04	4,84E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	9,10E-04	6,43E-05	1,77E-04	1,15E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,98E-03	2,89E-04	1,65E-04	3,43E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	8,23E-07	5,47E-08	1,95E-09	8,79E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,71E+01	2,10E+00	3,21E-01	1,95E+01
Water scarcity potential		m <sup>3</sup> eq.	2,19E+01	5,71E-02	3,82E-02	2,20E+01
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter	Unit	Upstream	Core	Downstream	Total	
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,08E+01	1,21E+00	2,32E-02	1,20E+01
	Used as raw materials	MJ, net calorific value	5,56E+00	(N/A)	(N/A)	5,56E+00
	Total	MJ, net calorific value	1,64E+01	1,21E+00	2,32E-02	1,76E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,85E+01	2,72E+00	3,50E-01	2,16E+01
	Used as raw materials	MJ, net calorific value	5,08E+00	2,42E-03	4,06E-02	5,13E+00
	Total	MJ, net calorific value	2,36E+01	2,72E+00	3,91E-01	2,67E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	3,61E-02	1,32E-02	1,33E-03	5,06E-02
Waste and output flows						
Parameter	Unit	Upstream	Core	Downstream	Total	
Hazardous waste disposed	kg	5,33E-06	2,06E-09	8,14E-09	5,34E-06	
Non-hazardous waste disposed	kg	3,35E-03	3,17E-03	9,08E-02	9,73E-02	
Radioactive waste disposed	kg	1,55E-04	2,45E-04	4,98E-06	4,05E-04	
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)	
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)	
Materials for energy recovery	kg	0,00	0,00	2,73E-01	2,73E-01	
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)	
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)	

# 21. TENA Slip Original Maxi L

212124

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,248	0,050	0,098	0,397
	Biogenic	kg CO <sub>2</sub> eq.	-0,155	0,000	0,053	-0,102
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00019	0,00030	0,00019	0,00068
	Total	kg CO <sub>2</sub> eq.	0,094	0,050	0,151	0,295
Acidification potential (AP)		kg SO <sub>2</sub> eq.	1,28E-03	1,69E-04	6,72E-05	1,52E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	2,80E-04	1,93E-05	5,79E-05	3,57E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	9,12E-04	8,67E-05	5,61E-05	1,06E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	2,42E-07	1,64E-08	9,05E-10	2,60E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	5,58E+00	6,28E-01	2,15E-01	6,42E+00
Water scarcity potential		m <sup>3</sup> eq.	7,04E+00	1,71E-02	1,19E-02	7,07E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	3,19E+00	3,62E-01	1,39E-02	3,57E+00
	Used as raw materials	MJ, net calorific value	1,61E+00	(N/A)	(N/A)	1,61E+00
	Total	MJ, net calorific value	4,80E+00	3,62E-01	1,39E-02	5,17E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	6,04E+00	8,15E-01	2,24E-01	7,08E+00
	Used as raw materials	MJ, net calorific value	1,81E+00	7,27E-04	1,21E-02	1,83E+00
	Total	MJ, net calorific value	7,85E+00	8,15E-01	2,36E-01	8,90E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	1,11E-02	3,95E-03	4,26E-04	1,55E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	2,09E-06	6,18E-10	9,04E-09	2,10E-06
Non-hazardous waste disposed		kg	9,97E-04	9,51E-04	2,81E-02	3,01E-02
Radioactive waste disposed		kg	5,07E-05	7,36E-05	1,68E-06	1,26E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	8,06E-02	8,06E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

# 21. TENA Slip Original Maxi L

212124

one day of absorbent product use

## Environmental impact category

Parameter	Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,993	0,201	0,393
	Biogenic	kg CO <sub>2</sub> eq.	-0,620	0,000	0,212
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00074	0,00122	0,00074
	<b>Total</b>	kg CO <sub>2</sub> eq.	0,374	0,201	0,606
<b>Acidification potential (AP)</b>	kg SO <sub>2</sub> eq.	5,12E-03	6,75E-04	2,69E-04	6,07E-03
<b>Eutrophication potential (EP)</b>	kg PO <sub>4</sub> <sup>3-</sup> eq.	1,12E-03	7,71E-05	2,32E-04	1,43E-03
<b>Formation potential of tropospheric ozone (POCP)</b>	kg NMVOC eq.	3,65E-03	3,47E-04	2,24E-04	4,22E-03
<b>Abiotic depletion potential - Elements (ADP-elements)</b>	kg Sb eq.	9,69E-07	6,56E-08	3,62E-09	1,04E-06
<b>Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)</b>	MJ, net calorific value	2,23E+01	2,51E+00	8,60E-01	2,57E+01
<b>Water scarcity potential</b>	m <sup>3</sup> eq.	2,82E+01	6,85E-02	4,75E-02	2,83E+01
<b>Land use and land use change (LUC)</b>	m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)

## Resources

Parameter	Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,28E+01	1,45E+00	5,55E-02
	Used as raw materials	MJ, net calorific value	6,42E+00	(N/A)	6,42E+00
	<b>Total</b>	MJ, net calorific value	1,92E+01	1,45E+00	5,55E-02
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,42E+01	3,26E+00	8,97E-01
	Used as raw materials	MJ, net calorific value	7,25E+00	2,91E-03	4,85E-02
	<b>Total</b>	MJ, net calorific value	3,14E+01	3,26E+00	9,46E-01
<b>Secondary material</b>	kg	(N/A)	(N/A)	(N/A)	(N/A)
<b>Renewable secondary fuels</b>	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
<b>Non-renewable secondary fuels</b>	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
<b>Net use of fresh water</b>	m <sup>3</sup>	4,45E-02	1,58E-02	1,71E-03	6,20E-02

## Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	8,37E-06	2,47E-09	3,62E-08	8,41E-06
Non-hazardous waste disposed	kg	3,99E-03	3,80E-03	1,13E-01	1,20E-01
Radioactive waste disposed	kg	2,03E-04	2,94E-04	6,72E-06	5,04E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	3,22E-01	3,22E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 22. TENA Slip Basic Plus M

211450

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,124	0,025	0,051	0,200
	Biogenic	kg CO <sub>2</sub> eq.	-0,084	0,000	0,028	-0,056
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00010	0,00015	0,00010	0,00035
	Total	kg CO <sub>2</sub> eq.	0,040	0,026	0,079	0,144
Acidification potential (AP)		kg SO <sub>2</sub> eq.	6,67E-04	8,58E-05	3,42E-05	7,87E-04
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	1,41E-04	9,80E-06	3,03E-05	1,81E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,66E-04	4,41E-05	2,91E-05	5,39E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,16E-07	8,34E-09	5,32E-10	1,25E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,73E+00	3,20E-01	1,09E-01	3,15E+00
Water scarcity potential		m <sup>3</sup> eq.	3,60E+00	8,71E-03	5,75E-03	3,61E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,73E+00	1,84E-01	6,98E-03	1,93E+00
	Used as raw materials	MJ, net calorific value	8,74E-01	(N/A)	(N/A)	8,74E-01
	Total	MJ, net calorific value	2,61E+00	1,84E-01	6,98E-03	2,80E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,96E+00	4,14E-01	1,13E-01	3,49E+00
	Used as raw materials	MJ, net calorific value	9,18E-01	3,70E-04	6,49E-03	9,25E-01
	Total	MJ, net calorific value	3,88E+00	4,15E-01	1,20E-01	4,42E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	5,46E-03	2,01E-03	2,07E-04	7,68E-03
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	8,63E-07	3,14E-10	4,62E-09	8,67E-07
Non-hazardous waste disposed		kg	5,26E-04	4,84E-04	1,29E-02	1,39E-02
Radioactive waste disposed		kg	2,54E-05	3,74E-05	8,30E-07	6,37E-05
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	4,17E-02	4,17E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 22. TENA Slip Basic Plus M

211450

one day of absorbent product use						
Environmental impact category						
Parameter	Unit	Upstream	Core	Downstream	Total	
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,496	0,102	0,202	0,800
	Biogenic	kg CO <sub>2</sub> eq.	-0,338	0,000	0,113	-0,224
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00039	0,00062	0,00038	0,00139
	Total	kg CO <sub>2</sub> eq.	0,159	0,102	0,316	0,577
Acidification potential (AP)		kg SO <sub>2</sub> eq.	2,67E-03	3,43E-04	1,37E-04	3,15E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	5,64E-04	3,92E-05	1,21E-04	7,24E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,86E-03	1,76E-04	1,16E-04	2,16E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	4,63E-07	3,34E-08	2,13E-09	4,99E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,09E+01	1,28E+00	4,35E-01	1,26E+01
Water scarcity potential		m <sup>3</sup> eq.	1,44E+01	3,48E-02	2,30E-02	1,44E+01
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter	Unit	Upstream	Core	Downstream	Total	
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	6,94E+00	7,36E-01	2,79E-02	7,70E+00
	Used as raw materials	MJ, net calorific value	3,49E+00	(N/A)	(N/A)	3,49E+00
	Total	MJ, net calorific value	1,04E+01	7,36E-01	2,79E-02	1,12E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,19E+01	1,66E+00	4,54E-01	1,40E+01
	Used as raw materials	MJ, net calorific value	3,67E+00	1,48E-03	2,60E-02	3,70E+00
	Total	MJ, net calorific value	1,55E+01	1,66E+00	4,80E-01	1,77E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	2,18E-02	8,04E-03	8,28E-04	3,07E-02
Waste and output flows						
Parameter	Unit	Upstream	Core	Downstream	Total	
Hazardous waste disposed	kg	3,45E-06	1,26E-09	1,85E-08	3,47E-06	
Non-hazardous waste disposed	kg	2,10E-03	1,93E-03	5,14E-02	5,55E-02	
Radioactive waste disposed	kg	1,02E-04	1,50E-04	3,32E-06	2,55E-04	
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)	
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)	
Materials for energy recovery	kg	0,00	0,00	1,67E-01	1,67E-01	
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)	
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)	

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 23. TENA Slip Basic Plus L 211451

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,144	0,029	0,058	0,230
	Biogenic	kg CO <sub>2</sub> eq.	-0,091	0,000	0,031	-0,060
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00011	0,00017	0,00011	0,00039
	Total	kg CO <sub>2</sub> eq.	0,053	0,029	0,089	0,170
Acidification potential (AP)		kg SO <sub>2</sub> eq.	7,56E-04	9,65E-05	3,83E-05	8,91E-04
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	1,58E-04	1,10E-05	3,36E-05	2,02E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	5,25E-04	4,96E-05	3,23E-05	6,07E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,26E-07	9,38E-09	7,16E-10	1,36E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,22E+00	3,59E-01	1,22E-01	3,71E+00
Water scarcity potential		m <sup>3</sup> eq.	4,32E+00	9,79E-03	6,56E-03	4,34E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,89E+00	2,07E-01	7,89E-03	2,10E+00
	Used as raw materials	MJ, net calorific value	9,45E-01	(N/A)	(N/A)	9,45E-01
	Total	MJ, net calorific value	2,83E+00	2,07E-01	7,89E-03	3,05E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,50E+00	4,66E-01	1,28E-01	4,10E+00
	Used as raw materials	MJ, net calorific value	1,16E+00	4,16E-04	7,13E-03	1,17E+00
	Total	MJ, net calorific value	4,66E+00	4,66E-01	1,35E-01	5,26E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	6,07E-03	2,26E-03	2,36E-04	8,56E-03
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	7,89E-07	3,53E-10	5,19E-09	7,95E-07
Non-hazardous waste disposed		kg	5,74E-04	5,44E-04	1,50E-02	1,61E-02
Radioactive waste disposed		kg	2,94E-05	4,21E-05	9,40E-07	7,24E-05
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	4,61E-02	4,61E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

# 23. TENA Slip Basic Plus L 211451

one day of absorbent product use						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,576	0,115	0,230	0,920
	Biogenic	kg CO <sub>2</sub> eq.	-0,365	0,000	0,124	-0,241
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00044	0,00069	0,00043	0,00156
	<b>Total</b>	kg CO <sub>2</sub> eq.	0,211	0,115	0,355	0,681
Acidification potential (AP)		kg SO <sub>2</sub> eq.	3,02E-03	3,86E-04	1,53E-04	3,56E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	6,31E-04	4,41E-05	1,34E-04	8,09E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,10E-03	1,98E-04	1,29E-04	2,43E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	5,03E-07	3,75E-08	2,86E-09	5,44E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,29E+01	1,44E+00	4,90E-01	1,48E+01
Water scarcity potential		m <sup>3</sup> eq.	1,73E+01	3,92E-02	2,62E-02	1,73E+01
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	7,54E+00	8,28E-01	3,16E-02	8,40E+00
	Used as raw materials	MJ, net calorific value	3,78E+00	(N/A)	(N/A)	3,78E+00
	<b>Total</b>	MJ, net calorific value	1,13E+01	8,28E-01	3,16E-02	1,22E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,40E+01	1,86E+00	5,11E-01	1,64E+01
	Used as raw materials	MJ, net calorific value	4,64E+00	1,66E-03	2,85E-02	4,67E+00
	<b>Total</b>	MJ, net calorific value	1,87E+01	1,87E+00	5,40E-01	2,11E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	2,43E-02	9,04E-03	9,45E-04	3,43E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	3,16E-06	1,41E-09	2,08E-08	3,18E-06
Non-hazardous waste disposed		kg	2,30E-03	2,18E-03	6,01E-02	6,46E-02
Radioactive waste disposed		kg	1,18E-04	1,68E-04	3,76E-06	2,90E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	1,85E-01	1,85E-01
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,144	0,030	0,058	0,232
	Biogenic	kg CO <sub>2</sub> eq.	-0,095	0,000	0,032	-0,063
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00011	0,00018	0,00011	0,00040
	Total	kg CO <sub>2</sub> eq.	0,050	0,030	0,090	0,169
Acidification potential (AP)		kg SO <sub>2</sub> eq.	7,57E-04	1,00E-04	4,00E-05	8,96E-04
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	1,67E-04	1,14E-05	3,45E-05	2,13E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	5,43E-04	5,14E-05	3,33E-05	6,27E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,51E-07	9,72E-09	7,34E-10	1,62E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,16E+00	3,72E-01	1,28E-01	3,66E+00
Water scarcity potential		m <sup>3</sup> eq.	3,93E+00	1,01E-02	6,96E-03	3,95E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,95E+00	2,14E-01	8,25E-03	2,17E+00
	Used as raw materials	MJ, net calorific value	9,81E-01	(N/A)	(N/A)	9,81E-01
	Total	MJ, net calorific value	2,93E+00	2,14E-01	8,25E-03	3,15E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,42E+00	4,83E-01	1,33E-01	4,04E+00
	Used as raw materials	MJ, net calorific value	9,33E-01	4,31E-04	7,26E-03	9,41E-01
	Total	MJ, net calorific value	4,36E+00	4,83E-01	1,41E-01	4,98E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	6,61E-03	2,34E-03	2,50E-04	9,20E-03
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	9,06E-07	3,66E-10	5,41E-09	9,12E-07
Non-hazardous waste disposed		kg	6,13E-04	5,63E-04	1,63E-02	1,74E-02
Radioactive waste disposed		kg	3,02E-05	4,36E-05	9,88E-07	7,48E-05
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	4,88E-02	4,88E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

one day of absorbent product use						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,577	0,119	0,231	0,927
	Biogenic	kg CO <sub>2</sub> eq.	-0,379	0,000	0,127	-0,252
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00045	0,00072	0,00044	0,00161
	Total	kg CO <sub>2</sub> eq.	0,199	0,119	0,358	0,676
Acidification potential (AP)		kg SO <sub>2</sub> eq.	3,03E-03	4,00E-04	1,60E-04	3,59E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	6,69E-04	4,57E-05	1,38E-04	8,53E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,17E-03	2,06E-04	1,33E-04	2,51E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	6,05E-07	3,89E-08	2,94E-09	6,47E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,26E+01	1,49E+00	5,11E-01	1,46E+01
Water scarcity potential		m <sup>3</sup> eq.	1,57E+01	4,06E-02	2,78E-02	1,58E+01
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	7,80E+00	8,58E-01	3,30E-02	8,69E+00
	Used as raw materials	MJ, net calorific value	3,92E+00	(N/A)	(N/A)	3,92E+00
	Total	MJ, net calorific value	1,17E+01	8,58E-01	3,30E-02	1,26E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,37E+01	1,93E+00	5,34E-01	1,62E+01
	Used as raw materials	MJ, net calorific value	3,73E+00	1,72E-03	2,91E-02	3,76E+00
	Total	MJ, net calorific value	1,74E+01	1,93E+00	5,63E-01	1,99E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	2,64E-02	9,36E-03	1,00E-03	3,68E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	3,63E-06	1,46E-09	2,16E-08	3,65E-06
Non-hazardous waste disposed		kg	2,45E-03	2,25E-03	6,51E-02	6,98E-02
Radioactive waste disposed		kg	1,21E-04	1,74E-04	3,95E-06	2,99E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	1,95E-01	1,95E-01
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

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one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,160	0,033	0,065	0,257
	Biogenic	kg CO <sub>2</sub> eq.	-0,106	0,000	0,036	-0,070
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00012	0,00020	0,00012	0,00044
	<b>Total</b>	kg CO <sub>2</sub> eq.	0,054	0,033	0,101	0,187
<b>Acidification potential (AP)</b>		kg SO <sub>2</sub> eq.	8,46E-04	1,10E-04	4,38E-05	9,99E-04
<b>Eutrophication potential (EP)</b>		kg PO <sub>4</sub> <sup>3-</sup> eq.	1,82E-04	1,25E-05	3,86E-05	2,33E-04
<b>Formation potential of tropospheric ozone (POCP)</b>		kg NMVOC eq.	5,94E-04	5,64E-05	3,71E-05	6,87E-04
<b>Abiotic depletion potential - Elements (ADP-elements)</b>		kg Sb eq.	1,51E-07	1,07E-08	8,98E-10	1,63E-07
<b>Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)</b>		MJ, net calorific value	3,52E+00	4,09E-01	1,40E-01	4,07E+00
<b>Water scarcity potential</b>		m <sup>3</sup> eq.	4,68E+00	1,11E-02	7,45E-03	4,70E+00
<b>Land use and land use change (LUC)</b>		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
<b>Resources</b>						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	2,18E+00	2,36E-01	9,00E-03	2,42E+00
	Used as raw materials	MJ, net calorific value	1,10E+00	(N/A)	(N/A)	1,10E+00
	<b>Total</b>	MJ, net calorific value	3,27E+00	2,36E-01	9,00E-03	3,52E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,83E+00	5,30E-01	1,46E-01	4,51E+00
	Used as raw materials	MJ, net calorific value	1,17E+00	4,73E-04	8,23E-03	1,18E+00
	<b>Total</b>	MJ, net calorific value	5,00E+00	5,31E-01	1,54E-01	5,69E+00
<b>Secondary material</b>		kg	(N/A)	(N/A)	(N/A)	(N/A)
<b>Renewable secondary fuels</b>		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
<b>Non-renewable secondary fuels</b>		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
<b>Net use of fresh water</b>		m <sup>3</sup>	6,97E-03	2,57E-03	2,68E-04	9,81E-03
<b>Waste and output flows</b>						
Parameter		Unit	Upstream	Core	Downstream	Total
<b>Hazardous waste disposed</b>		kg	8,13E-07	4,02E-10	5,94E-09	8,19E-07
<b>Non-hazardous waste disposed</b>		kg	6,63E-04	6,19E-04	1,68E-02	1,81E-02
<b>Radioactive waste disposed</b>		kg	3,31E-05	4,79E-05	1,07E-06	8,20E-05
<b>Components for reuse</b>		kg	(N/A)	(N/A)	(N/A)	(N/A)
<b>Material for recycling</b>		kg	(N/A)	(N/A)	(N/A)	(N/A)
<b>Materials for energy recovery</b>		kg	0,00	0,00	5,28E-02	5,28E-02
<b>Exported energy, electricity</b>		MJ	(N/A)	(N/A)	(N/A)	(N/A)
<b>Exported energy, thermal</b>		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

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one day of absorbent product use						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,639	0,130	0,258	1,028
	Biogenic	kg CO <sub>2</sub> eq.	-0,423	0,000	0,144	-0,280
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00050	0,00079	0,00049	0,00178
	<b>Total</b>	kg CO <sub>2</sub> eq.	0,216	0,131	0,402	0,750
Acidification potential (AP)		kg SO <sub>2</sub> eq.	3,38E-03	4,39E-04	1,75E-04	4,00E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	7,26E-04	5,02E-05	1,55E-04	9,31E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,38E-03	2,26E-04	1,48E-04	2,75E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	6,04E-07	4,27E-08	3,59E-09	6,51E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,41E+01	1,64E+00	5,59E-01	1,63E+01
Water scarcity potential		m <sup>3</sup> eq.	1,87E+01	4,46E-02	2,98E-02	1,88E+01
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	8,71E+00	9,42E-01	3,60E-02	9,69E+00
	Used as raw materials	MJ, net calorific value	4,39E+00	(N/A)	(N/A)	4,39E+00
	<b>Total</b>	MJ, net calorific value	1,31E+01	9,42E-01	3,60E-02	1,41E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,53E+01	2,12E+00	5,83E-01	1,80E+01
	Used as raw materials	MJ, net calorific value	4,69E+00	1,89E-03	3,29E-02	4,72E+00
	<b>Total</b>	MJ, net calorific value	2,00E+01	2,12E+00	6,16E-01	2,27E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	2,79E-02	1,03E-02	1,07E-03	3,92E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	3,25E-06	1,61E-09	2,37E-08	3,28E-06
Non-hazardous waste disposed		kg	2,65E-03	2,48E-03	6,74E-02	7,25E-02
Radioactive waste disposed		kg	1,32E-04	1,91E-04	4,28E-06	3,28E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	2,11E-01	2,11E-01
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 26. TENA Slip Complete Plus M

211454

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,125	0,023	0,047	0,195
	Biogenic	kg CO <sub>2</sub> eq.	-0,068	0,000	0,023	-0,046
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00010	0,00014	0,00009	0,00033
	Total	kg CO <sub>2</sub> eq.	0,056	0,023	0,070	0,149
Acidification potential (AP)		kg SO <sub>2</sub> eq.	6,13E-04	7,74E-05	3,15E-05	7,22E-04
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	1,31E-04	8,84E-06	2,56E-05	1,65E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,39E-04	3,98E-05	2,51E-05	5,03E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,15E-07	7,52E-09	5,22E-10	1,24E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,78E+00	2,88E-01	1,04E-01	3,17E+00
Water scarcity potential		m <sup>3</sup> eq.	3,34E+00	7,85E-03	5,71E-03	3,36E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,45E+00	1,66E-01	6,72E-03	1,63E+00
	Used as raw materials	MJ, net calorific value	7,09E-01	(N/A)	(N/A)	7,09E-01
	Total	MJ, net calorific value	2,16E+00	1,66E-01	6,72E-03	2,34E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,01E+00	3,74E-01	1,08E-01	3,49E+00
	Used as raw materials	MJ, net calorific value	8,74E-01	3,33E-04	5,17E-03	8,80E-01
	Total	MJ, net calorific value	3,88E+00	3,74E-01	1,13E-01	4,37E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	5,34E-03	1,81E-03	2,06E-04	7,36E-03
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	8,28E-07	2,83E-10	4,37E-09	8,32E-07
Non-hazardous waste disposed		kg	5,50E-04	4,36E-04	1,44E-02	1,54E-02
Radioactive waste disposed		kg	2,70E-05	3,37E-05	7,99E-07	6,15E-05
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	3,88E-02	3,88E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

# 26. TENA Slip Complete Plus M

211454

one day of absorbent product use						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,498	0,092	0,188	0,779
	Biogenic	kg CO <sub>2</sub> eq.	-0,273	0,000	0,090	-0,183
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00038	0,00056	0,00036	0,00130
	<b>Total</b>	kg CO <sub>2</sub> eq.	0,226	0,092	0,279	0,597
Acidification potential (AP)		kg SO <sub>2</sub> eq.	2,45E-03	3,09E-04	1,26E-04	2,89E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	5,23E-04	3,54E-05	1,02E-04	6,61E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,75E-03	1,59E-04	1,00E-04	2,01E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	4,62E-07	3,01E-08	2,09E-09	4,94E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,11E+01	1,15E+00	4,15E-01	1,27E+01
Water scarcity potential		m <sup>3</sup> eq.	1,34E+01	3,14E-02	2,28E-02	1,34E+01
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5,82E+00	6,64E-01	2,69E-02	6,51E+00
	Used as raw materials	MJ, net calorific value	2,84E+00	(N/A)	(N/A)	2,84E+00
	<b>Total</b>	MJ, net calorific value	8,65E+00	6,64E-01	2,69E-02	9,34E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,20E+01	1,49E+00	4,31E-01	1,40E+01
	Used as raw materials	MJ, net calorific value	3,50E+00	1,33E-03	2,07E-02	3,52E+00
	<b>Total</b>	MJ, net calorific value	1,55E+01	1,50E+00	4,52E-01	1,75E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	2,14E-02	7,25E-03	8,23E-04	2,94E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	3,31E-06	1,13E-09	1,75E-08	3,33E-06
Non-hazardous waste disposed		kg	2,20E-03	1,74E-03	5,76E-02	6,16E-02
Radioactive waste disposed		kg	1,08E-04	1,35E-04	3,20E-06	2,46E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	1,55E-01	1,55E-01
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 27. TENA Slip Complete Plus L

211456

one absorbent product

## Environmental impact category

Parameter	Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,140	0,026	0,053
	Biogenic	kg CO <sub>2</sub> eq.	-0,074	0,000	0,024
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00011	0,00016	0,00010
	Total	kg CO <sub>2</sub> eq.	0,067	0,026	0,078
Acidification potential (AP)	kg SO <sub>2</sub> eq.	6,86E-04	8,63E-05	3,47E-05	8,07E-04
Eutrophication potential (EP)	kg PO <sub>4</sub> <sup>3-</sup> eq.	1,44E-04	9,86E-06	2,79E-05	1,81E-04
Formation potential of tropospheric ozone (POCP)	kg NMVOC eq.	4,87E-04	4,43E-05	2,75E-05	5,58E-04
Abiotic depletion potential - Elements (ADP-elements)	kg Sb eq.	1,23E-07	8,39E-09	5,51E-10	1,32E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)	MJ, net calorific value	3,18E+00	3,21E-01	1,15E-01	3,62E+00
Water scarcity potential	m <sup>3</sup> eq.	3,92E+00	8,75E-03	6,44E-03	3,94E+00
Land use and land use change (LUC)	m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)

## Resources

Parameter	Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,58E+00	1,85E-01	7,45E-03
	Used as raw materials	MJ, net calorific value	7,68E-01	(N/A)	(N/A)
	Total	MJ, net calorific value	2,34E+00	1,85E-01	7,45E-03
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,45E+00	4,16E-01	1,19E-01
	Used as raw materials	MJ, net calorific value	1,08E+00	3,72E-04	5,58E-03
	Total	MJ, net calorific value	4,53E+00	4,17E-01	1,25E-01
Secondary material	kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water	m <sup>3</sup>	5,86E-03	2,02E-03	2,32E-04	8,11E-03

## Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	9,34E-07	3,16E-10	4,80E-09	9,39E-07
Non-hazardous waste disposed	kg	5,90E-04	4,86E-04	1,66E-02	1,77E-02
Radioactive waste disposed	kg	2,98E-05	3,76E-05	8,94E-07	6,83E-05
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	4,32E-02	4,32E-02
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential

AP - Acidification Potential

EP - Eutrophication Potential

POCP - Photochemical Ozon Creation Potential

# 27. TENA Slip Complete Plus L

211456

one day of absorbent product use

## Environmental impact category

Parameter	Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil kg CO <sub>2</sub> eq.	0,561	0,103	0,213	0,877
	Biogenic kg CO <sub>2</sub> eq.	-0,296	0,000	0,097	-0,199
	Land use and land transformation kg CO <sub>2</sub> eq.	0,00042	0,00062	0,00040	0,00144
	Total kg CO <sub>2</sub> eq.	0,266	0,103	0,310	0,680
Acidification potential (AP)	kg SO <sub>2</sub> eq.	2,75E-03	3,45E-04	1,39E-04	3,23E-03
Eutrophication potential (EP)	kg PO <sub>4</sub> <sup>3-</sup> eq.	5,74E-04	3,94E-05	1,12E-04	7,25E-04
Formation potential of tropospheric ozone (POCP)	kg NMVOC eq.	1,95E-03	1,77E-04	1,10E-04	2,23E-03
Abiotic depletion potential - Elements (ADP-elements)	kg Sb eq.	4,91E-07	3,35E-08	2,20E-09	5,27E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)	MJ, net calorific value	1,27E+01	1,28E+00	4,58E-01	1,45E+01
Water scarcity potential	m <sup>3</sup> eq.	1,57E+01	3,50E-02	2,58E-02	1,58E+01
Land use and land use change (LUC)	m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)

## Resources

Parameter	Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier MJ, net calorific value	6,30E+00	7,40E-01	2,98E-02	7,07E+00
	Used as raw materials MJ, net calorific value	3,07E+00	(N/A)	(N/A)	3,07E+00
	Total MJ, net calorific value	9,38E+00	7,40E-01	2,98E-02	1,01E+01
Primary energy resources - Non-renewable	Used as energy carrier MJ, net calorific value	1,38E+01	1,67E+00	4,77E-01	1,59E+01
	Used as raw materials MJ, net calorific value	4,32E+00	1,49E-03	2,23E-02	4,34E+00
	Total MJ, net calorific value	1,81E+01	1,67E+00	4,99E-01	2,03E+01
Secondary material	kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water	m <sup>3</sup>	2,34E-02	8,08E-03	9,27E-04	3,24E-02

## Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	3,73E-06	1,26E-09	1,92E-08	3,76E-06
Non-hazardous waste disposed	kg	2,36E-03	1,94E-03	6,63E-02	7,06E-02
Radioactive waste disposed	kg	1,19E-04	1,50E-04	3,58E-06	2,73E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,73E-01	1,73E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 28. TENA Slip Complete Super M 211457

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,136	0,025	0,050	0,211
	Biogenic	kg CO <sub>2</sub> eq.	-0,068	0,000	0,023	-0,046
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00010	0,00015	0,00010	0,00035
	<b>Total</b>	kg CO <sub>2</sub> eq.	0,068	0,025	0,073	0,166
Acidification potential (AP)		kg SO <sub>2</sub> eq.	6,48E-04	8,37E-05	3,39E-05	7,65E-04
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	1,43E-04	9,56E-06	2,65E-05	1,79E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,75E-04	4,30E-05	2,62E-05	5,44E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,39E-07	8,14E-09	6,16E-10	1,47E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,06E+00	3,12E-01	1,12E-01	3,48E+00
Water scarcity potential		m <sup>3</sup> eq.	3,44E+00	8,49E-03	6,48E-03	3,46E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,46E+00	1,80E-01	7,33E-03	1,65E+00
	Used as raw materials	MJ, net calorific value	7,09E-01	(N/A)	(N/A)	7,09E-01
	<b>Total</b>	MJ, net calorific value	2,17E+00	1,80E-01	7,33E-03	2,36E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,31E+00	4,04E-01	1,17E-01	3,83E+00
	Used as raw materials	MJ, net calorific value	8,80E-01	3,61E-04	5,17E-03	8,85E-01
	<b>Total</b>	MJ, net calorific value	4,19E+00	4,05E-01	1,22E-01	4,71E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	6,02E-03	1,96E-03	2,33E-04	8,21E-03
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	8,64E-07	3,07E-10	4,69E-09	8,69E-07
Non-hazardous waste disposed		kg	5,83E-04	4,72E-04	1,72E-02	1,82E-02
Radioactive waste disposed		kg	2,98E-05	3,65E-05	8,87E-07	6,72E-05
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	4,19E-02	4,19E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 28. TENA Slip Complete Super M 211457

one day of absorbent product use

## Environmental impact category

Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,546	0,099	0,200	0,845
	Biogenic	kg CO <sub>2</sub> eq.	-0,273	0,000	0,090	-0,183
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00040	0,00060	0,00039	0,00139
	<b>Total</b>	kg CO <sub>2</sub> eq.	0,273	0,100	0,291	0,664
<b>Acidification potential (AP)</b>		kg SO <sub>2</sub> eq.	2,59E-03	3,35E-04	1,36E-04	3,06E-03
<b>Eutrophication potential (EP)</b>		kg PO <sub>4</sub> <sup>3-</sup> eq.	5,73E-04	3,83E-05	1,06E-04	7,17E-04
<b>Formation potential of tropospheric ozone (POCP)</b>		kg NMVOC eq.	1,90E-03	1,72E-04	1,05E-04	2,18E-03
<b>Abiotic depletion potential - Elements (ADP-elements)</b>		kg Sb eq.	5,55E-07	3,26E-08	2,47E-09	5,90E-07
<b>Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)</b>		MJ, net calorific value	1,22E+01	1,25E+00	4,50E-01	1,39E+01
<b>Water scarcity potential</b>		m <sup>3</sup> eq.	1,38E+01	3,40E-02	2,59E-02	1,38E+01
<b>Land use and land use change (LUC)</b>		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)

## Resources

Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5,85E+00	7,18E-01	2,93E-02	6,60E+00
	Used as raw materials	MJ, net calorific value	2,84E+00	(N/A)	(N/A)	2,84E+00
	<b>Total</b>	MJ, net calorific value	8,68E+00	7,18E-01	2,93E-02	9,43E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,32E+01	1,62E+00	4,67E-01	1,53E+01
	Used as raw materials	MJ, net calorific value	3,52E+00	1,44E-03	2,07E-02	3,54E+00
	<b>Total</b>	MJ, net calorific value	1,68E+01	1,62E+00	4,88E-01	1,89E+01
<b>Secondary material</b>		kg	(N/A)	(N/A)	(N/A)	(N/A)
<b>Renewable secondary fuels</b>		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
<b>Non-renewable secondary fuels</b>		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
<b>Net use of fresh water</b>		m <sup>3</sup>	2,41E-02	7,84E-03	9,32E-04	3,28E-02

## Waste and output flows

Parameter		Unit	Upstream	Core	Downstream	Total
<b>Hazardous waste disposed</b>		kg	3,46E-06	1,23E-09	1,87E-08	3,48E-06
<b>Non-hazardous waste disposed</b>		kg	2,33E-03	1,89E-03	6,87E-02	7,30E-02
<b>Radioactive waste disposed</b>		kg	1,19E-04	1,46E-04	3,55E-06	2,69E-04
<b>Components for reuse</b>		kg	(N/A)	(N/A)	(N/A)	(N/A)
<b>Material for recycling</b>		kg	(N/A)	(N/A)	(N/A)	(N/A)
<b>Materials for energy recovery</b>		kg	0,00	0,00	1,68E-01	1,68E-01
<b>Exported energy, electricity</b>		MJ	(N/A)	(N/A)	(N/A)	(N/A)
<b>Exported energy, thermal</b>		MJ	(N/A)	(N/A)	(N/A)	(N/A)

# 29. TENA Slip Complete Super L

211458

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,152	0,027	0,056	0,235
	Biogenic	kg CO <sub>2</sub> eq.	-0,074	0,000	0,024	-0,050
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00011	0,00017	0,00011	0,00038
	Total	kg CO <sub>2</sub> eq.	0,078	0,028	0,080	0,186
Acidification potential (AP)		kg SO <sub>2</sub> eq.	7,20E-04	9,24E-05	3,71E-05	8,49E-04
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	1,56E-04	1,06E-05	2,87E-05	1,95E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	5,22E-04	4,75E-05	2,86E-05	5,98E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,45E-07	8,98E-09	6,42E-10	1,55E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,46E+00	3,44E-01	1,23E-01	3,93E+00
Water scarcity potential		m <sup>3</sup> eq.	4,02E+00	9,38E-03	7,19E-03	4,04E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,58E+00	1,98E-01	8,04E-03	1,79E+00
	Used as raw materials	MJ, net calorific value	7,68E-01	(N/A)	(N/A)	7,68E-01
	Total	MJ, net calorific value	2,35E+00	1,98E-01	8,04E-03	2,56E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,74E+00	4,46E-01	1,28E-01	4,31E+00
	Used as raw materials	MJ, net calorific value	1,08E+00	3,98E-04	5,58E-03	1,09E+00
	Total	MJ, net calorific value	4,83E+00	4,47E-01	1,33E-01	5,41E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	6,51E-03	2,16E-03	2,58E-04	8,93E-03
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	9,69E-07	3,38E-10	5,11E-09	9,75E-07
Non-hazardous waste disposed		kg	6,22E-04	5,21E-04	1,93E-02	2,04E-02
Radioactive waste disposed		kg	3,26E-05	4,03E-05	9,79E-07	7,39E-05
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	4,63E-02	4,63E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 29. TENA Slip Complete Super L

211458

one day of absorbent product use

## Environmental impact category

Parameter	Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,607	0,110	0,224
	Biogenic	kg CO <sub>2</sub> eq.	-0,296	0,000	0,097
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00044	0,00067	0,00042
	<b>Total</b>	kg CO <sub>2</sub> eq.	0,312	0,110	0,744
Acidification potential (AP)	kg SO <sub>2</sub> eq.	2,88E-03	3,70E-04	1,48E-04	3,40E-03
Eutrophication potential (EP)	kg PO <sub>4</sub> <sup>3-</sup> eq.	6,22E-04	4,22E-05	1,15E-04	7,80E-04
Formation potential of tropospheric ozone (POCP)	kg NMVOC eq.	2,09E-03	1,90E-04	1,14E-04	2,39E-03
Abiotic depletion potential - Elements (ADP-elements)	kg Sb eq.	5,81E-07	3,59E-08	2,57E-09	6,19E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)	MJ, net calorific value	1,38E+01	1,38E+00	4,92E-01	1,57E+01
Water scarcity potential	m <sup>3</sup> eq.	1,61E+01	3,75E-02	2,87E-02	1,62E+01
Land use and land use change (LUC)	m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)

## Resources

Parameter	Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	6,33E+00	7,93E-01	3,22E-02
	Used as raw materials	MJ, net calorific value	3,07E+00	(N/A)	(N/A)
	<b>Total</b>	MJ, net calorific value	9,41E+00	7,93E-01	3,22E-02
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,50E+01	1,78E+00	5,12E-01
	Used as raw materials	MJ, net calorific value	4,34E+00	1,59E-03	2,23E-02
	<b>Total</b>	MJ, net calorific value	1,93E+01	1,79E+00	5,34E-01
Secondary material	kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water	m <sup>3</sup>	2,60E-02	8,66E-03	1,03E-03	3,57E-02

## Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	3,88E-06	1,35E-09	2,04E-08	3,90E-06
Non-hazardous waste disposed	kg	2,49E-03	2,08E-03	7,71E-02	8,17E-02
Radioactive waste disposed	kg	1,30E-04	1,61E-04	3,92E-06	2,95E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	1,85E-01	1,85E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential

AP - Acidification Potential

EP - Eutrophication Potential

POCP - Photochemical Ozon Creation Potential

# 30. TENA Slip Complete Care Plus M

211459

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,133	0,024	0,050	0,207
	Biogenic	kg CO <sub>2</sub> eq.	-0,068	0,000	0,023	-0,046
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00010	0,00014	0,00009	0,00034
	Total	kg CO <sub>2</sub> eq.	0,065	0,024	0,073	0,162
Acidification potential (AP)		kg SO <sub>2</sub> eq.	6,43E-04	8,04E-05	3,27E-05	7,57E-04
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	1,36E-04	9,19E-06	2,61E-05	1,71E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,57E-04	4,13E-05	2,57E-05	5,24E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,16E-07	7,82E-09	4,34E-10	1,24E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,03E+00	2,99E-01	1,08E-01	3,44E+00
Water scarcity potential		m <sup>3</sup> eq.	3,69E+00	8,16E-03	6,12E-03	3,70E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,46E+00	1,73E-01	7,03E-03	1,64E+00
	Used as raw materials	MJ, net calorific value	7,09E-01	(N/A)	(N/A)	7,09E-01
	Total	MJ, net calorific value	2,17E+00	1,73E-01	7,03E-03	2,35E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,28E+00	3,88E-01	1,12E-01	3,78E+00
	Used as raw materials	MJ, net calorific value	1,03E+00	3,47E-04	5,17E-03	1,03E+00
	Total	MJ, net calorific value	4,31E+00	3,89E-01	1,18E-01	4,81E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	5,56E-03	1,88E-03	2,20E-04	7,66E-03
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	9,91E-07	2,94E-10	4,52E-09	9,96E-07
Non-hazardous waste disposed		kg	5,51E-04	4,53E-04	1,59E-02	1,69E-02
Radioactive waste disposed		kg	2,81E-05	3,51E-05	8,48E-07	6,40E-05
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	4,03E-02	4,03E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

# 30. TENA Slip Complete Care Plus M

211459

one day of absorbent product use						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,532	0,096	0,200	0,828
	Biogenic	kg CO <sub>2</sub> eq.	-0,273	0,000	0,090	-0,183
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00039	0,00058	0,00037	0,00135
	Total	kg CO <sub>2</sub> eq.	0,260	0,096	0,291	0,647
Acidification potential (AP)		kg SO <sub>2</sub> eq.	2,57E-03	3,22E-04	1,31E-04	3,03E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	5,44E-04	3,68E-05	1,04E-04	6,85E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,83E-03	1,65E-04	1,03E-04	2,10E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	4,64E-07	3,13E-08	1,74E-09	4,97E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,21E+01	1,20E+00	4,33E-01	1,38E+01
Water scarcity potential		m <sup>3</sup> eq.	1,47E+01	3,26E-02	2,45E-02	1,48E+01
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5,84E+00	6,90E-01	2,81E-02	6,56E+00
	Used as raw materials	MJ, net calorific value	2,84E+00	(N/A)	(N/A)	2,84E+00
	Total	MJ, net calorific value	8,67E+00	6,90E-01	2,81E-02	9,39E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,31E+01	1,55E+00	4,50E-01	1,51E+01
	Used as raw materials	MJ, net calorific value	4,11E+00	1,39E-03	2,07E-02	4,14E+00
	Total	MJ, net calorific value	1,72E+01	1,55E+00	4,71E-01	1,92E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	2,22E-02	7,53E-03	8,81E-04	3,06E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	3,96E-06	1,18E-09	1,81E-08	3,98E-06
Non-hazardous waste disposed		kg	2,20E-03	1,81E-03	6,38E-02	6,78E-02
Radioactive waste disposed		kg	1,13E-04	1,40E-04	3,39E-06	2,56E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	1,61E-01	1,61E-01
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 31. TENA Slip Complete Care Plus L

211460

one absorbent product

## Environmental impact category

Parameter	Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,151	0,027	0,057
	Biogenic	kg CO <sub>2</sub> eq.	-0,074	0,000	0,024
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00011	0,00016	0,00010
	<b>Total</b>	kg CO <sub>2</sub> eq.	0,077	0,027	0,081
<b>Acidification potential (AP)</b>	kg SO <sub>2</sub> eq.	7,23E-04	8,99E-05	3,61E-05	8,49E-04
<b>Eutrophication potential (EP)</b>	kg PO <sub>4</sub> <sup>3-</sup> eq.	1,50E-04	1,03E-05	2,85E-05	1,88E-04
<b>Formation potential of tropospheric ozone (POCP)</b>	kg NMVOC eq.	5,09E-04	4,62E-05	2,82E-05	5,83E-04
<b>Abiotic depletion potential - Elements (ADP-elements)</b>	kg Sb eq.	1,24E-07	8,74E-09	4,49E-10	1,33E-07
<b>Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)</b>	MJ, net calorific value	3,49E+00	3,35E-01	1,20E-01	3,94E+00
<b>Water scarcity potential</b>	m <sup>3</sup> eq.	4,33E+00	9,12E-03	6,93E-03	4,35E+00
<b>Land use and land use change (LUC)</b>	m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)

## Resources

Parameter	Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,58E+00	1,93E-01	7,82E-03
	Used as raw materials	MJ, net calorific value	7,68E-01	(N/A)	(N/A)
	<b>Total</b>	MJ, net calorific value	2,35E+00	1,93E-01	7,82E-03
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,77E+00	4,34E-01	1,25E-01
	Used as raw materials	MJ, net calorific value	1,26E+00	3,87E-04	5,58E-03
	<b>Total</b>	MJ, net calorific value	5,03E+00	4,34E-01	1,30E-01
<b>Secondary material</b>	kg	(N/A)	(N/A)	(N/A)	(N/A)
<b>Renewable secondary fuels</b>	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
<b>Non-renewable secondary fuels</b>	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
<b>Net use of fresh water</b>	m <sup>3</sup>	6,12E-03	2,11E-03	2,49E-04	8,47E-03

## Waste and output flows

Parameter	Unit	Upstream	Core	Downstream	Total
<b>Hazardous waste disposed</b>	kg	1,13E-06	3,29E-10	4,98E-09	1,13E-06
<b>Non-hazardous waste disposed</b>	kg	5,91E-04	5,07E-04	1,84E-02	1,95E-02
<b>Radioactive waste disposed</b>	kg	3,12E-05	3,92E-05	9,53E-07	7,14E-05
<b>Components for reuse</b>	kg	(N/A)	(N/A)	(N/A)	(N/A)
<b>Material for recycling</b>	kg	(N/A)	(N/A)	(N/A)	(N/A)
<b>Materials for energy recovery</b>	kg	0,00	0,00	4,50E-02	4,50E-02
<b>Exported energy, electricity</b>	MJ	(N/A)	(N/A)	(N/A)	(N/A)
<b>Exported energy, thermal</b>	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 31. TENA Slip Complete Care Plus L

211460

one day of absorbent product use						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,602	0,107	0,227	0,936
	Biogenic	kg CO <sub>2</sub> eq.	-0,296	0,000	0,097	-0,198
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00043	0,00065	0,00041	0,00149
	Total	kg CO <sub>2</sub> eq.	0,307	0,107	0,324	0,739
Acidification potential (AP)		kg SO <sub>2</sub> eq.	2,89E-03	3,60E-04	1,44E-04	3,40E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	5,98E-04	4,11E-05	1,14E-04	7,53E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,04E-03	1,85E-04	1,13E-04	2,33E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	4,94E-07	3,50E-08	1,80E-09	5,31E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,39E+01	1,34E+00	4,80E-01	1,58E+01
Water scarcity potential		m <sup>3</sup> eq.	1,73E+01	3,65E-02	2,77E-02	1,74E+01
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	6,33E+00	7,71E-01	3,13E-02	7,13E+00
	Used as raw materials	MJ, net calorific value	3,07E+00	(N/A)	(N/A)	3,07E+00
	Total	MJ, net calorific value	9,40E+00	7,71E-01	3,13E-02	1,02E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,51E+01	1,74E+00	4,99E-01	1,73E+01
	Used as raw materials	MJ, net calorific value	5,05E+00	1,55E-03	2,23E-02	5,08E+00
	Total	MJ, net calorific value	2,01E+01	1,74E+00	5,21E-01	2,24E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	2,45E-02	8,42E-03	9,97E-04	3,39E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	4,52E-06	1,32E-09	1,99E-08	4,54E-06
Non-hazardous waste disposed		kg	2,36E-03	2,03E-03	7,36E-02	7,80E-02
Radioactive waste disposed		kg	1,25E-04	1,57E-04	3,81E-06	2,86E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	1,80E-01	1,80E-01
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 32. TENA Slip Complete Care Super M

211462

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,145	0,026	0,053	0,224
	Biogenic	kg CO <sub>2</sub> eq.	-0,068	0,000	0,023	-0,046
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00010	0,00016	0,00010	0,00036
	Total	kg CO <sub>2</sub> eq.	0,077	0,026	0,076	0,178
Acidification potential (AP)		kg SO <sub>2</sub> eq.	6,78E-04	8,68E-05	3,51E-05	8,00E-04
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	1,48E-04	9,91E-06	2,69E-05	1,85E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,93E-04	4,46E-05	2,69E-05	5,65E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,39E-07	8,44E-09	5,29E-10	1,48E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,31E+00	3,23E-01	1,17E-01	3,75E+00
Water scarcity potential		m <sup>3</sup> eq.	3,79E+00	8,80E-03	6,89E-03	3,80E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,47E+00	1,86E-01	7,65E-03	1,66E+00
	Used as raw materials	MJ, net calorific value	7,09E-01	(N/A)	(N/A)	7,09E-01
	Total	MJ, net calorific value	2,18E+00	1,86E-01	7,65E-03	2,37E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	3,58E+00	4,19E-01	1,21E-01	4,12E+00
	Used as raw materials	MJ, net calorific value	1,03E+00	3,74E-04	5,17E-03	1,04E+00
	Total	MJ, net calorific value	4,61E+00	4,19E-01	1,27E-01	5,16E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	6,23E-03	2,03E-03	2,48E-04	8,51E-03
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	1,03E-06	3,18E-10	4,84E-09	1,03E-06
Non-hazardous waste disposed		kg	5,84E-04	4,89E-04	1,87E-02	1,98E-02
Radioactive waste disposed		kg	3,10E-05	3,78E-05	9,36E-07	6,98E-05
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	4,35E-02	4,35E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

# 32. TENA Slip Complete Care Super M

211462

one day of absorbent product use						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,580	0,103	0,212	0,894
	Biogenic	kg CO <sub>2</sub> eq.	-0,273	0,000	0,090	-0,183
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00041	0,00062	0,00040	0,00144
	Total	kg CO <sub>2</sub> eq.	0,307	0,104	0,302	0,713
Acidification potential (AP)		kg SO <sub>2</sub> eq.	2,71E-03	3,47E-04	1,40E-04	3,20E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	5,93E-04	3,97E-05	1,08E-04	7,41E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,97E-03	1,78E-04	1,08E-04	2,26E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	5,57E-07	3,37E-08	2,12E-09	5,93E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,33E+01	1,29E+00	4,68E-01	1,50E+01
Water scarcity potential		m <sup>3</sup> eq.	1,52E+01	3,52E-02	2,76E-02	1,52E+01
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5,87E+00	7,45E-01	3,06E-02	6,64E+00
	Used as raw materials	MJ, net calorific value	2,84E+00	(N/A)	(N/A)	2,84E+00
	Total	MJ, net calorific value	8,71E+00	7,45E-01	3,06E-02	9,48E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,43E+01	1,68E+00	4,86E-01	1,65E+01
	Used as raw materials	MJ, net calorific value	4,13E+00	1,50E-03	2,07E-02	4,16E+00
	Total	MJ, net calorific value	1,84E+01	1,68E+00	5,07E-01	2,06E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	2,49E-02	8,13E-03	9,90E-04	3,40E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	4,11E-06	1,27E-09	1,94E-08	4,13E-06
Non-hazardous waste disposed		kg	2,34E-03	1,96E-03	7,49E-02	7,92E-02
Radioactive waste disposed		kg	1,24E-04	1,51E-04	3,74E-06	2,79E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	1,74E-01	1,74E-01
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

# 33. TENA Slip Complete Care Super L 211463

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,162	0,029	0,059	0,250
	Biogenic	kg CO <sub>2</sub> eq.	-0,074	0,000	0,024	-0,050
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00011	0,00017	0,00011	0,00039
	<b>Total</b>	kg CO <sub>2</sub> eq.	0,088	0,029	0,084	0,201
Acidification potential (AP)		kg SO <sub>2</sub> eq.	7,56E-04	9,61E-05	3,85E-05	8,91E-04
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	1,62E-04	1,10E-05	2,93E-05	2,02E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	5,44E-04	4,94E-05	2,93E-05	6,23E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,46E-07	9,34E-09	5,41E-10	1,56E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	3,76E+00	3,58E-01	1,28E-01	4,25E+00
Water scarcity potential		m <sup>3</sup> eq.	4,43E+00	9,75E-03	7,68E-03	4,45E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,59E+00	2,06E-01	8,42E-03	1,80E+00
	Used as raw materials	MJ, net calorific value	7,68E-01	(N/A)	(N/A)	7,68E-01
	<b>Total</b>	MJ, net calorific value	2,36E+00	2,06E-01	8,42E-03	2,57E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	4,06E+00	4,64E-01	1,33E-01	4,66E+00
	Used as raw materials	MJ, net calorific value	1,27E+00	4,14E-04	5,58E-03	1,27E+00
	<b>Total</b>	MJ, net calorific value	5,33E+00	4,64E-01	1,39E-01	5,93E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	6,77E-03	2,25E-03	2,76E-04	9,30E-03
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	1,16E-06	3,52E-10	5,29E-09	1,17E-06
Non-hazardous waste disposed		kg	6,23E-04	5,41E-04	2,11E-02	2,23E-02
Radioactive waste disposed		kg	3,40E-05	4,19E-05	1,04E-06	7,69E-05
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	4,81E-02	4,81E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 33. TENA Slip Complete Care Super L 211463

one day of absorbent product use						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,648	0,114	0,238	1,000
	Biogenic	kg CO <sub>2</sub> eq.	-0,296	0,000	0,097	-0,198
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00045	0,00069	0,00044	0,00158
	Total	kg CO <sub>2</sub> eq.	0,353	0,115	0,336	0,803
Acidification potential (AP)		kg SO <sub>2</sub> eq.	3,02E-03	3,84E-04	1,54E-04	3,56E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	6,46E-04	4,39E-05	1,17E-04	8,07E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	2,18E-03	1,98E-04	1,17E-04	2,49E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	5,84E-07	3,74E-08	2,16E-09	6,23E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,50E+01	1,43E+00	5,14E-01	1,70E+01
Water scarcity potential		m <sup>3</sup> eq.	1,77E+01	3,90E-02	3,07E-02	1,78E+01
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	6,36E+00	8,24E-01	3,37E-02	7,22E+00
	Used as raw materials	MJ, net calorific value	3,07E+00	(N/A)	(N/A)	3,07E+00
	Total	MJ, net calorific value	9,43E+00	8,24E-01	3,37E-02	1,03E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	1,63E+01	1,86E+00	5,34E-01	1,86E+01
	Used as raw materials	MJ, net calorific value	5,07E+00	1,66E-03	2,23E-02	5,10E+00
	Total	MJ, net calorific value	2,13E+01	1,86E+00	5,56E-01	2,37E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	2,71E-02	9,00E-03	1,10E-03	3,72E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	4,66E-06	1,41E-09	2,11E-08	4,68E-06
Non-hazardous waste disposed		kg	2,49E-03	2,17E-03	8,44E-02	8,91E-02
Radioactive waste disposed		kg	1,36E-04	1,67E-04	4,15E-06	3,08E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	1,92E-01	1,92E-01
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 34. TENA Slip Ultima M 710521& 710522 & 712137

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,239	0,049	0,095	0,383
	Biogenic	kg CO <sub>2</sub> eq.	-0,158	0,000	0,053	-0,105
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00018	0,00030	0,00018	0,00067
	Total	kg CO <sub>2</sub> eq.	0,081	0,049	0,148	0,279
Acidification potential (AP)		kg SO <sub>2</sub> eq.	1,23E-03	1,66E-04	6,65E-05	1,46E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	2,81E-04	1,89E-05	5,76E-05	3,58E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	8,97E-04	8,52E-05	5,56E-05	1,04E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	2,60E-07	1,61E-08	1,41E-09	2,77E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	5,17E+00	6,17E-01	2,12E-01	6,00E+00
Water scarcity potential		m <sup>3</sup> eq.	6,30E+00	1,68E-02	1,17E-02	6,33E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	3,23E+00	3,56E-01	1,37E-02	3,60E+00
	Used as raw materials	MJ, net calorific value	1,63E+00	(N/A)	(N/A)	1,63E+00
	Total	MJ, net calorific value	4,86E+00	3,56E-01	1,37E-02	5,23E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	5,60E+00	8,01E-01	2,21E-01	6,62E+00
	Used as raw materials	MJ, net calorific value	1,38E+00	7,14E-04	1,21E-02	1,39E+00
	Total	MJ, net calorific value	6,98E+00	8,01E-01	2,33E-01	8,01E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	1,11E-02	3,88E-03	4,21E-04	1,54E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	1,38E-06	6,07E-10	8,93E-09	1,39E-06
Non-hazardous waste disposed		kg	1,09E-03	9,35E-04	2,75E-02	2,95E-02
Radioactive waste disposed		kg	5,08E-05	7,23E-05	1,66E-06	1,25E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	8,07E-02	8,07E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

one day of absorbent product use						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,955	0,197	0,380	1,531
	Biogenic	kg CO <sub>2</sub> eq.	-0,631	0,000	0,211	-0,419
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00074	0,00119	0,00073	0,00267
	Total	kg CO <sub>2</sub> eq.	0,325	0,198	0,592	1,115
Acidification potential (AP)		kg SO <sub>2</sub> eq.	4,91E-03	6,63E-04	2,66E-04	5,84E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	1,12E-03	7,58E-05	2,30E-04	1,43E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,59E-03	3,41E-04	2,22E-04	4,15E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,04E-06	6,45E-08	5,64E-09	1,11E-06
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,07E+01	2,47E+00	8,48E-01	2,40E+01
Water scarcity potential		m <sup>3</sup> eq.	2,52E+01	6,73E-02	4,68E-02	2,53E+01
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,29E+01	1,42E+00	5,48E-02	1,44E+01
	Used as raw materials	MJ, net calorific value	6,53E+00	(N/A)	(N/A)	6,53E+00
	Total	MJ, net calorific value	1,95E+01	1,42E+00	5,48E-02	2,09E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,24E+01	3,20E+00	8,85E-01	2,65E+01
	Used as raw materials	MJ, net calorific value	5,51E+00	2,86E-03	4,85E-02	5,56E+00
	Total	MJ, net calorific value	2,79E+01	3,21E+00	9,34E-01	3,20E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	4,44E-02	1,55E-02	1,68E-03	6,16E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	5,54E-06	2,43E-09	3,57E-08	5,58E-06
Non-hazardous waste disposed		kg	4,34E-03	3,74E-03	1,10E-01	1,18E-01
Radioactive waste disposed		kg	2,03E-04	2,89E-04	6,62E-06	4,99E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	3,23E-01	3,23E-01
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,295	0,060	0,117	0,471
	Biogenic	kg CO <sub>2</sub> eq.	-0,190	0,000	0,064	-0,125
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00022	0,00036	0,00022	0,00081
	Total	kg CO <sub>2</sub> eq.	0,105	0,060	0,181	0,347
Acidification potential (AP)		kg SO <sub>2</sub> eq.	1,51E-03	2,02E-04	8,06E-05	1,79E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	3,39E-04	2,31E-05	7,00E-05	4,33E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,09E-03	1,04E-04	6,76E-05	1,26E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	3,04E-07	1,97E-08	1,61E-09	3,26E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	6,49E+00	7,53E-01	2,57E-01	7,50E+00
Water scarcity potential		m <sup>3</sup> eq.	8,08E+00	2,05E-02	1,43E-02	8,12E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	3,89E+00	4,34E-01	1,66E-02	4,34E+00
	Used as raw materials	MJ, net calorific value	1,96E+00	(N/A)	(N/A)	1,96E+00
	Total	MJ, net calorific value	5,85E+00	4,34E-01	1,66E-02	6,30E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	7,02E+00	9,77E-01	2,68E-01	8,27E+00
	Used as raw materials	MJ, net calorific value	1,89E+00	8,72E-04	1,47E-02	1,91E+00
	Total	MJ, net calorific value	8,91E+00	9,78E-01	2,83E-01	1,02E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	1,34E-02	4,74E-03	5,13E-04	1,86E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	1,80E-06	7,41E-10	1,08E-08	1,81E-06
Non-hazardous waste disposed		kg	1,28E-03	1,14E-03	3,36E-02	3,60E-02
Radioactive waste disposed		kg	6,16E-05	8,82E-05	2,02E-06	1,52E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	9,71E-02	9,71E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

**one day of absorbent product use****Environmental impact category**

Parameter	Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	1,178	0,240	0,466
	Biogenic	kg CO <sub>2</sub> eq.	-0,758	0,000	0,257
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00090	0,00146	0,00089
	Total	kg CO <sub>2</sub> eq.	0,421	0,242	0,724
Acidification potential (AP)	kg SO <sub>2</sub> eq.	6,04E-03	8,09E-04	3,23E-04	7,18E-03
Eutrophication potential (EP)	kg PO <sub>4</sub> <sup>3-</sup> eq.	1,36E-03	9,25E-05	2,80E-04	1,73E-03
Formation potential of tropospheric ozone (POCP)	kg NMVOC eq.	4,37E-03	4,16E-04	2,70E-04	5,06E-03
Abiotic depletion potential - Elements (ADP-elements)	kg Sb eq.	1,22E-06	7,87E-08	6,44E-09	1,30E-06
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)	MJ, net calorific value	2,60E+01	3,01E+00	1,03E+00	3,00E+01
Water scarcity potential	m <sup>3</sup> eq.	3,23E+01	8,21E-02	5,71E-02	3,25E+01
Land use and land use change (LUC)	m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)

**Resources**

Parameter	Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,55E+01	1,74E+00	6,65E-02
	Used as raw materials	MJ, net calorific value	7,85E+00	(N/A)	7,85E+00
	Total	MJ, net calorific value	2,34E+01	1,74E+00	6,65E-02
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,81E+01	3,91E+00	1,07E+00
	Used as raw materials	MJ, net calorific value	7,56E+00	3,49E-03	5,89E-02
	Total	MJ, net calorific value	3,56E+01	3,91E+00	1,13E+00
Secondary material	kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels	MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water	m <sup>3</sup>	5,35E-02	1,90E-02	2,05E-03	7,45E-02

**Waste and output flows**

Parameter	Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed	kg	7,20E-06	2,96E-09	4,32E-08	7,25E-06
Non-hazardous waste disposed	kg	5,13E-03	4,56E-03	1,34E-01	1,44E-01
Radioactive waste disposed	kg	2,46E-04	3,53E-04	8,07E-06	6,07E-04
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery	kg	0,00	0,00	3,88E-01	3,88E-01
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential

AP - Acidification Potential

EP - Eutrophication Potential

POCP - Photochemical Ozon Creation Potential

# 36. TENA Slip Ultima XL

710622

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,287	0,059	0,114	0,461
	Biogenic	kg CO <sub>2</sub> eq.	-0,186	0,000	0,062	-0,124
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00022	0,00036	0,00022	0,00080
	<b>Total</b>	kg CO <sub>2</sub> eq.	0,101	0,059	0,177	0,337
Acidification potential (AP)		kg SO <sub>2</sub> eq.	1,47E-03	1,99E-04	7,95E-05	1,75E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	3,36E-04	2,27E-05	6,82E-05	4,27E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	1,07E-03	1,02E-04	6,59E-05	1,24E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	3,13E-07	1,93E-08	1,79E-09	3,34E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	6,26E+00	7,40E-01	2,55E-01	7,26E+00
Water scarcity potential		m <sup>3</sup> eq.	7,74E+00	2,02E-02	1,42E-02	7,78E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	3,82E+00	4,26E-01	1,65E-02	4,26E+00
	Used as raw materials	MJ, net calorific value	1,93E+00	(N/A)	(N/A)	1,93E+00
	<b>Total</b>	MJ, net calorific value	5,75E+00	4,26E-01	1,65E-02	6,19E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	6,78E+00	9,60E-01	2,66E-01	8,00E+00
	Used as raw materials	MJ, net calorific value	1,70E+00	8,56E-04	1,42E-02	1,71E+00
	<b>Total</b>	MJ, net calorific value	8,48E+00	9,60E-01	2,80E-01	9,72E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	1,33E-02	4,65E-03	5,11E-04	1,84E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	1,39E-06	7,28E-10	1,07E-08	1,40E-06
Non-hazardous waste disposed		kg	1,27E-03	1,12E-03	3,40E-02	3,64E-02
Radioactive waste disposed		kg	6,08E-05	8,66E-05	2,00E-06	1,49E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	(N/A)	(N/A)
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

# 36. TENA Slip Ultima XL

710622

one day of absorbent product use						
Environmental impact category						
Parameter	Unit	Upstream	Core	Downstream	Total	
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	1,149	0,236	0,457	1,843
	Biogenic	kg CO <sub>2</sub> eq.	-0,745	0,000	0,248	-0,497
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00087	0,00143	0,00088	0,00318
	Total	kg CO <sub>2</sub> eq.	0,405	0,237	0,707	1,349
Acidification potential (AP)		kg SO <sub>2</sub> eq.	5,88E-03	7,95E-04	3,18E-04	6,99E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	1,35E-03	9,08E-05	2,73E-04	1,71E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	4,29E-03	4,09E-04	2,64E-04	4,96E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,25E-06	7,73E-08	7,17E-09	1,34E-06
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,51E+01	2,96E+00	1,02E+00	2,90E+01
Water scarcity potential		m <sup>3</sup> eq.	3,10E+01	8,07E-02	5,68E-02	3,11E+01
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter	Unit	Upstream	Core	Downstream	Total	
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,53E+01	1,71E+00	6,60E-02	1,70E+01
	Used as raw materials	MJ, net calorific value	7,71E+00	(N/A)	(N/A)	7,71E+00
	Total	MJ, net calorific value	2,30E+01	1,71E+00	6,60E-02	2,48E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,71E+01	3,84E+00	1,06E+00	3,20E+01
	Used as raw materials	MJ, net calorific value	6,79E+00	3,43E-03	5,69E-02	6,85E+00
	Total	MJ, net calorific value	3,39E+01	3,84E+00	1,12E+00	3,89E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	5,30E-02	1,86E-02	2,04E-03	7,37E-02
Waste and output flows						
Parameter	Unit	Upstream	Core	Downstream	Total	
Hazardous waste disposed	kg	5,56E-06	2,91E-09	4,27E-08	5,60E-06	
Non-hazardous waste disposed	kg	5,08E-03	4,48E-03	1,36E-01	1,46E-01	
Radioactive waste disposed	kg	2,43E-04	3,46E-04	7,99E-06	5,98E-04	
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)	
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)	
Materials for energy recovery	kg	0,00	0,00	(N/A)	(N/A)	
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)	
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)	

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 37. TENA Slip Bariatric XXL

61490

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,218	0,044	0,087	0,349
	Biogenic	kg CO <sub>2</sub> eq.	-0,141	0,000	0,047	-0,094
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00016	0,00027	0,00016	0,00059
	Total	kg CO <sub>2</sub> eq.	0,077	0,044	0,135	0,255
Acidification potential (AP)		kg SO <sub>2</sub> eq.	1,14E-03	1,47E-04	5,91E-05	1,34E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	2,51E-04	1,68E-05	5,15E-05	3,19E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	8,00E-04	7,58E-05	4,96E-05	9,26E-04
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	2,36E-07	1,43E-08	1,16E-09	2,52E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	4,73E+00	5,49E-01	1,89E-01	5,47E+00
Water scarcity potential		m <sup>3</sup> eq.	6,14E+00	1,50E-02	1,02E-02	6,17E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	2,90E+00	3,16E-01	1,22E-02	3,23E+00
	Used as raw materials	MJ, net calorific value	1,46E+00	(N/A)	(N/A)	1,46E+00
	Total	MJ, net calorific value	4,37E+00	3,16E-01	1,22E-02	4,70E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	5,14E+00	7,12E-01	1,98E-01	6,04E+00
	Used as raw materials	MJ, net calorific value	1,50E+00	6,35E-04	1,09E-02	1,51E+00
	Total	MJ, net calorific value	6,64E+00	7,12E-01	2,08E-01	7,56E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	1,00E-02	3,45E-03	3,69E-04	1,38E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	1,19E-06	5,40E-10	8,01E-09	1,20E-06
Non-hazardous waste disposed		kg	8,81E-04	8,31E-04	2,38E-02	2,55E-02
Radioactive waste disposed		kg	4,52E-05	6,42E-05	1,46E-06	1,11E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	7,19E-02	7,19E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 37. TENA Slip Bariatric XXL

61490

one day of absorbent product use						
Environmental impact category						
Parameter	Unit	Upstream	Core	Downstream	Total	
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,871	0,175	0,348	1,395
	Biogenic	kg CO <sub>2</sub> eq.	-0,565	0,000	0,190	-0,375
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00066	0,00106	0,00066	0,00238
	Total	kg CO <sub>2</sub> eq.	0,307	0,176	0,539	1,022
Acidification potential (AP)		kg SO <sub>2</sub> eq.	4,55E-03	5,90E-04	2,37E-04	5,37E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	1,00E-03	6,74E-05	2,06E-04	1,28E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,20E-03	3,03E-04	1,98E-04	3,70E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	9,44E-07	5,73E-08	4,66E-09	1,01E-06
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	1,89E+01	2,20E+00	7,57E-01	2,19E+01
Water scarcity potential		m <sup>3</sup> eq.	2,46E+01	5,98E-02	4,10E-02	2,47E+01
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter	Unit	Upstream	Core	Downstream	Total	
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,16E+01	1,26E+00	4,89E-02	1,29E+01
	Used as raw materials	MJ, net calorific value	5,85E+00	(N/A)	(N/A)	5,85E+00
	Total	MJ, net calorific value	1,75E+01	1,26E+00	4,89E-02	1,88E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,05E+01	2,85E+00	7,90E-01	2,42E+01
	Used as raw materials	MJ, net calorific value	6,00E+00	2,54E-03	4,34E-02	6,05E+00
	Total	MJ, net calorific value	2,65E+01	2,85E+00	8,33E-01	3,02E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	4,00E-02	1,38E-02	1,48E-03	5,53E-02
Waste and output flows						
Parameter	Unit	Upstream	Core	Downstream	Total	
Hazardous waste disposed	kg	4,77E-06	2,16E-09	3,20E-08	4,80E-06	
Non-hazardous waste disposed	kg	3,52E-03	3,32E-03	9,51E-02	1,02E-01	
Radioactive waste disposed	kg	1,81E-04	2,57E-04	5,84E-06	4,44E-04	
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)	
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)	
Materials for energy recovery	kg	0,00	0,00	2,88E-01	2,88E-01	
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)	
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)	

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 38. TENA Slip Bariatric 3XL

61391

one absorbent product						
Environmental impact category						
Parameter		Unit	Upstream	Core	Downstream	Total
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	0,272	0,053	0,107	0,432
	Biogenic	kg CO <sub>2</sub> eq.	-0,173	0,000	0,059	-0,114
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00020	0,00032	0,00020	0,00072
	Total	kg CO <sub>2</sub> eq.	0,099	0,053	0,167	0,319
Acidification potential (AP)		kg SO <sub>2</sub> eq.	1,43E-03	1,77E-04	7,18E-05	1,67E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	3,07E-04	2,02E-05	6,36E-05	3,91E-04
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	9,79E-04	9,09E-05	6,09E-05	1,13E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	2,97E-07	1,72E-08	1,53E-09	3,16E-07
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	5,86E+00	6,59E-01	2,30E-01	6,75E+00
Water scarcity potential		m <sup>3</sup> eq.	7,79E+00	1,79E-02	1,21E-02	7,82E+00
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter		Unit	Upstream	Core	Downstream	Total
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	3,57E+00	3,79E-01	1,48E-02	3,97E+00
	Used as raw materials	MJ, net calorific value	1,79E+00	(N/A)	(N/A)	1,79E+00
	Total	MJ, net calorific value	5,36E+00	3,79E-01	1,48E-02	5,76E+00
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	6,37E+00	8,54E-01	2,40E-01	7,47E+00
	Used as raw materials	MJ, net calorific value	2,03E+00	7,62E-04	1,36E-02	2,05E+00
	Total	MJ, net calorific value	8,40E+00	8,55E-01	2,53E-01	9,51E+00
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	1,24E-02	4,14E-03	4,35E-04	1,69E-02
Waste and output flows						
Parameter		Unit	Upstream	Core	Downstream	Total
Hazardous waste disposed		kg	1,24E-06	6,48E-10	9,80E-09	1,26E-06
Non-hazardous waste disposed		kg	1,05E-03	9,97E-04	2,70E-02	2,90E-02
Radioactive waste disposed		kg	5,54E-05	7,71E-05	1,74E-06	1,34E-04
Components for reuse		kg	(N/A)	(N/A)	(N/A)	(N/A)
Material for recycling		kg	(N/A)	(N/A)	(N/A)	(N/A)
Materials for energy recovery		kg	0,00	0,00	8,48E-02	8,48E-02
Exported energy, electricity		MJ	(N/A)	(N/A)	(N/A)	(N/A)
Exported energy, thermal		MJ	(N/A)	(N/A)	(N/A)	(N/A)

GWP - Global Warming Potential  
 AP - Acidification Potential  
 EP - Eutrophication Potential  
 POCP - Photochemical Ozon Creation Potential

# 38. TENA Slip Bariatric 3XL

61391

one day of absorbent product use						
Environmental impact category						
Parameter	Unit	Upstream	Core	Downstream	Total	
Global warming potential (GWP)	Fossil	kg CO <sub>2</sub> eq.	1,088	0,210	0,428	1,727
	Biogenic	kg CO <sub>2</sub> eq.	-0,691	0,000	0,237	-0,454
	Land use and land transformation	kg CO <sub>2</sub> eq.	0,00080	0,00127	0,00081	0,00288
	Total	kg CO <sub>2</sub> eq.	0,398	0,211	0,667	1,275
Acidification potential (AP)		kg SO <sub>2</sub> eq.	5,70E-03	7,08E-04	2,87E-04	6,70E-03
Eutrophication potential (EP)		kg PO <sub>4</sub> <sup>3-</sup> eq.	1,23E-03	8,08E-05	2,54E-04	1,56E-03
Formation potential of tropospheric ozone (POCP)		kg NMVOC eq.	3,91E-03	3,64E-04	2,44E-04	4,52E-03
Abiotic depletion potential - Elements (ADP-elements)		kg Sb eq.	1,19E-06	6,88E-08	6,13E-09	1,26E-06
Abiotic depletion potential - Fossil fuels (ADP-fossil fuels)		MJ, net calorific value	2,34E+01	2,63E+00	9,19E-01	2,70E+01
Water scarcity potential		m <sup>3</sup> eq.	3,12E+01	7,18E-02	4,83E-02	3,13E+01
Land use and land use change (LUC)		m <sup>2</sup> per year	(N/A)	(N/A)	(N/A)	(N/A)
Resources						
Parameter	Unit	Upstream	Core	Downstream	Total	
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1,43E+01	1,52E+00	5,92E-02	1,59E+01
	Used as raw materials	MJ, net calorific value	7,16E+00	(N/A)	(N/A)	7,16E+00
	Total	MJ, net calorific value	2,14E+01	1,52E+00	5,92E-02	2,30E+01
Primary energy resources - Non-renewable	Used as energy carrier	MJ, net calorific value	2,55E+01	3,42E+00	9,59E-01	2,99E+01
	Used as raw materials	MJ, net calorific value	8,12E+00	3,05E-03	5,44E-02	8,18E+00
	Total	MJ, net calorific value	3,36E+01	3,42E+00	1,01E+00	3,80E+01
Secondary material		kg	(N/A)	(N/A)	(N/A)	(N/A)
Renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Non-renewable secondary fuels		MJ, net calorific value	(N/A)	(N/A)	(N/A)	(N/A)
Net use of fresh water		m <sup>3</sup>	4,94E-02	1,66E-02	1,74E-03	6,77E-02
Waste and output flows						
Parameter	Unit	Upstream	Core	Downstream	Total	
Hazardous waste disposed	kg	4,98E-06	2,59E-09	3,92E-08	5,02E-06	
Non-hazardous waste disposed	kg	4,19E-03	3,99E-03	1,08E-01	1,16E-01	
Radioactive waste disposed	kg	2,22E-04	3,08E-04	6,96E-06	5,37E-04	
Components for reuse	kg	(N/A)	(N/A)	(N/A)	(N/A)	
Material for recycling	kg	(N/A)	(N/A)	(N/A)	(N/A)	
Materials for energy recovery	kg	0,00	0,00	3,39E-01	3,39E-01	
Exported energy, electricity	MJ	(N/A)	(N/A)	(N/A)	(N/A)	
Exported energy, thermal	MJ	(N/A)	(N/A)	(N/A)	(N/A)	

1. PCR 2011:14 v. 3.0
2. General Programme Instructions for the International EPD® System v. 3.01
3. ISO 14040:2006 Environmental management – Life cycle assessment – Principles and framework
4. ISO 14044:2006 Environmental management – Life cycle assessment – Requirements and guidelines
5. ISO 14025:2006 Environmental labels and declarations – Type III environmental declarations – Principles and procedures
6. ISO 14020:2000 Environmental labels and declarations – General principles
7. DPCM 12/01/17 – G.U. n. 65 del 18 marzo 2017
8. [www.environdec.com](http://www.environdec.com)

<b>Version</b>	<b>Revision item</b>
6	-
7	<p>New articles added:</p> <p>TENA Slip Plus Small, art.no 712131  TENA Slip Plus Medium, art.no 712134  TENA Slip Plus Large, art.no 712138  TENA Slip Super Small, art.no 712132  TENA Slip Super Medium, art. no 712135  TENA Slip Super Large, art.no 712139  TENA Slip Maxi Small, art.no 712133  TENA Slip Maxi Medium, art.no 712136  TENA Slip Maxi Large, art.no 711022, 712140  TENA Slip Ultima Medium, art.no 710522, 712137  TENA Slip Ultima Large, art.no 710623, 712141</p>



## Making a better mark – for people, and for the planet

We create value for customers and consumers by increasing health and hygiene standards through our innovative solutions, and by sharing knowledge and promoting awareness.

We create business value by meeting societal needs and offering more people an opportunity to work, in better conditions, so they can provide for their families and live happier, fuller lives.

Since 2008 we've also been taking steps to make every TENA product more sustainable. For example, by converting to 100% renewable electricity in all our factories. Our goal is to reduce the carbon footprint of our products and services by 50 % by 2030.

Step by step, to leave a better mark on the planet.